

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086866.D
 Acq On : 10 May 2016 18:16
 Operator : UM/SJ
 Sample : PB90456BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BS

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:17:27 PM

Quant Time: May 11 04:53:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	152946	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	650879	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	307349	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	568007	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	373837	20.00	ng	-0.01
86) Perylene-d12	15.20	264	356943	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	1016002	112.50	ng	0.00
7) Phenol-d6	6.35	99	1414200	117.17	ng	-0.01
23) Nitrobenzene-d5	7.26	82	1006627	77.66	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	405240	124.54	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1629122	89.08	ng	0.00
78) Terphenyl-d14	12.78	244	1474329	83.68	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.27	88	153315	34.58	ng	# 72
3) Pyridine	2.93	79	373880	34.49	ng	# 65
4) n-Nitrosodimethylamine	2.89	42	305068	38.81	ng	# 53
6) Aniline	6.36	93	317249	21.73	ng	# 1
8) 2-Chlorophenol	6.48	128	444083	40.75	ng	94
9) Benzaldehyde	6.24	77	38133	5.46	ng	91
10) Phenol	6.36	94	612483	42.69	ng	75
11) bis(2-Chloroethyl)ether	6.43	93	443383m	39.64	ng	
12) 1,3-Dichlorobenzene	6.62	146	460155	39.02	ng	99
13) 1,4-Dichlorobenzene	6.70	146	459299	38.19	ng	98
14) 1,2-Dichlorobenzene	6.85	146	407428	38.87	ng	97
15) Benzyl Alcohol	6.85	79	376396	45.16	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	923586	37.97	ng	96
17) 2-Methylphenol	6.97	107	372367	42.94	ng	# 83
18) Hexachloroethane	7.20	117	180295	39.84	ng	# 91
19) n-Nitroso-di-n-propylamine	7.12	70	367787	43.60	ng	# 72
20) 3+4-Methylphenols	7.13	107	489944	43.26	ng	# 60
22) Acetophenone	7.10	105	618244	40.21	ng	# 97
24) Nitrobenzene	7.28	77	486322	36.47	ng	97
25) Isophorone	7.52	82	918978	38.21	ng	98
26) 2-Nitrophenol	7.60	139	243003	41.46	ng	# 82
27) 2,4-Dimethylphenol	7.65	122	413024	41.37	ng	95
28) bis(2-Chloroethoxy)methane	7.73	93	544684	41.99	ng	98
29) 2,4-Dichlorophenol	7.85	162	383227	43.61	ng	96
30) 1,2,4-Trichlorobenzene	7.92	180	393266	40.02	ng	96
31) Naphthalene	8.00	128	1318539	40.44	ng	99
32) Benzoic acid	7.80	122	222358	37.92	ng	# 80
33) 4-Chloroaniline	8.06	127	124090	9.80	ng	97
34) Hexachlorobutadiene	8.11	225	212275	37.23	ng	98
35) Caprolactam	8.44	113	120715m	40.37	ng	
36) 4-Chloro-3-methylphenol	8.56	107	419405	39.35	ng	89
37) 2-Methylnaphthalene	8.68	142	798572m	41.90	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	367359	41.11	ng	97
40) Hexachlorocyclopentadiene	8.84	237	397587	93.74	ng	93

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086866.D
 Acq On : 10 May 2016 18:16
 Operator : UM/SJ
 Sample : PB90456BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BS

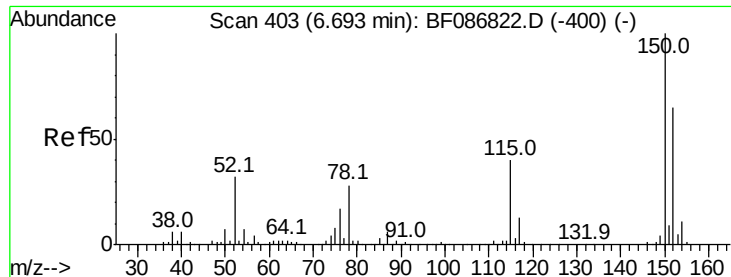
Manual Integrations
 APPROVED

sohil
 5/11/2016 8:17:27 PM

Quant Time: May 11 04:53:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	260534	43.60	nq	93
43) 2,4,5-Trichlorophenol	9.02	196	274709	44.45	nq #	92
45) 1,1'-Biphenyl	9.15	154	995059	40.70	nq	97
46) 2-Chloronaphthalene	9.17	162	767016	40.05	nq	94
47) 2-Nitroaniline	9.29	65	305112	43.59	nq	96
48) Acenaphthylene	9.58	152	1111977	39.47	nq	99
49) Dimethylphthalate	9.46	163	998559	42.59	nq	99
50) 2,6-Dinitrotoluene	9.53	165	238712	48.37	nq	87
51) Acenaphthene	9.76	154	733139	41.83	nq	99
52) 3-Nitroaniline	9.70	138	98313	18.92	nq	99
53) 2,4-Dinitrophenol	9.80	184	217007	85.47	nq #	69
54) Dibenzofuran	9.93	168	982941	43.69	nq	93
55) 4-Nitrophenol	9.88	139	238347	69.44	nq #	42
56) 2,4-Dinitrotoluene	9.93	165	248007	40.61	nq #	71
57) Fluorene	10.27	166	782495	40.79	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.05	232	211897	45.55	nq	96
59) Diethylphthalate	10.16	149	887259	38.83	nq	99
60) 4-Chlorophenyl-phenylether	10.27	204	393448	47.90	nq #	80
61) 4-Nitroaniline	10.32	138	215709	43.23	nq #	77
62) Azobenzene	10.43	77	1132016	45.92	nq	87
64) 4,6-Dinitro-2-methylphenol	10.34	198	162707	46.11	nq	86
65) n-Nitrosodiphenylamine	10.38	169	762240	43.68	nq	100
66) 4-Bromophenyl-phenylether	10.75	248	234754	40.76	nq	95
67) Hexachlorobenzene	10.82	284	293428	43.60	nq	97
68) Atrazine	10.92	200	227919	39.10	nq	96
69) Pentachlorophenol	11.01	266	280548	90.19	nq	97
70) Phenanthrene	11.23	178	1336877	44.10	nq	100
71) Anthracene	11.28	178	1207527	38.95	nq	100
72) Carbazole	11.44	167	1092471	40.99	nq	98
73) Di-n-butylphthalate	11.77	149	1361520	41.84	nq #	98
74) Fluoranthene	12.41	202	1266773	40.63	nq	97
76) Benzidine	12.54	184	383521	40.24	nq	96
77) Pyrene	12.64	202	1361561	47.57	nq	100
79) Butylbenzylphthalate	13.27	149	624574	51.59	nq	92
80) Benzo(a)anthracene	13.81	228	977934	46.60	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	229429	17.21	nq #	96
82) Chrysene	13.86	228	1079623	50.57	nq	100
83) Bis(2-ethylhexyl)phthalate	13.83	149	734015	50.41	nq #	99
84) Di-n-octyl phthalate	14.43	149	1349053	55.93	nq #	86
85) Indeno(1,2,3-cd)pyrene	16.50	276	807822	45.48	nq	95
87) Benzo(b)fluoranthene	14.82	252	1201840m	51.81	nq	
88) Benzo(k)fluoranthene	14.85	252	658353m	34.66	nq	
89) Benzo(a)pyrene	15.15	252	853660	42.66	nq	98
90) Dibenzo(a,h)anthracene	16.50	278	671092	39.80	nq	98
91) Benzo(g,h,i)perylene	16.88	276	671725	39.20	nq #	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

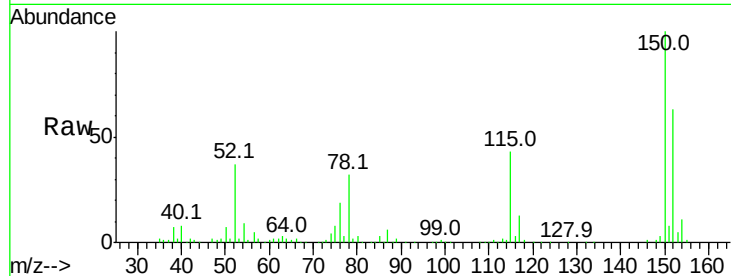
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90456BS

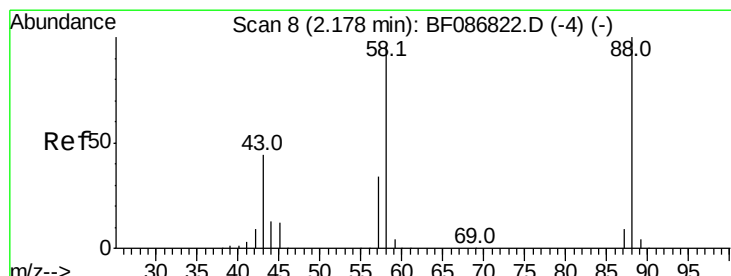
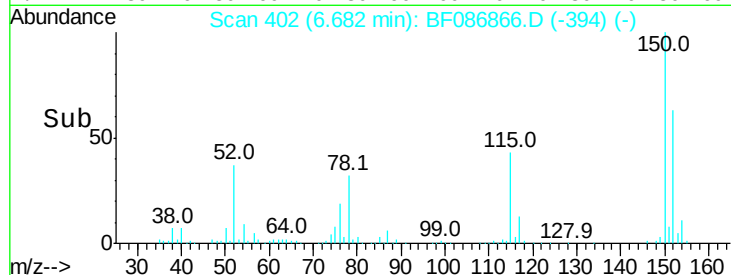
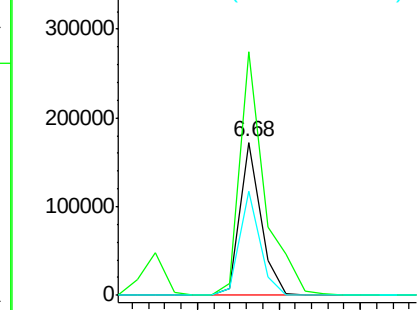
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	125.8	188.6
115	67.7	51.5	77.3

Manual Integrations
APPROVED

sohil
5/11/2016 8:17:27 PM



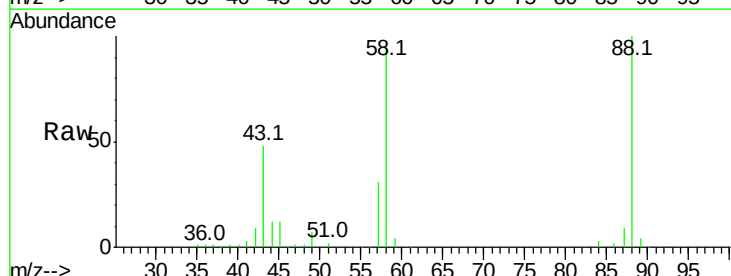
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



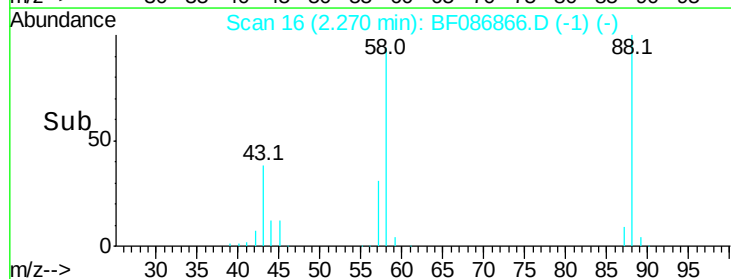
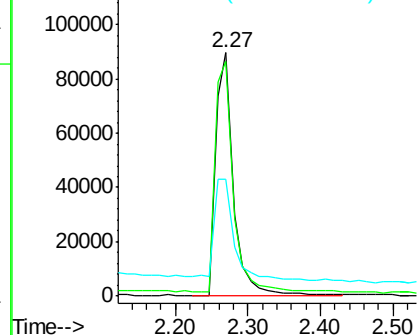
#2

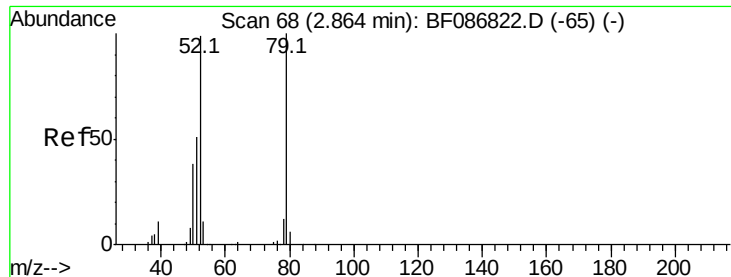
1,4-Dioxane
Concen: 34.58 ng
RT: 2.27 min Scan# 16
Delta R.T. 0.09 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.1	59.6	89.4#
43	46.1	21.8	32.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





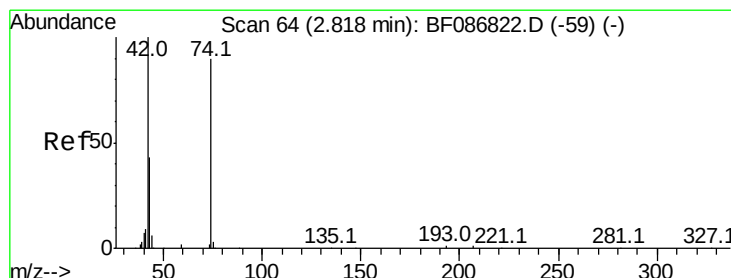
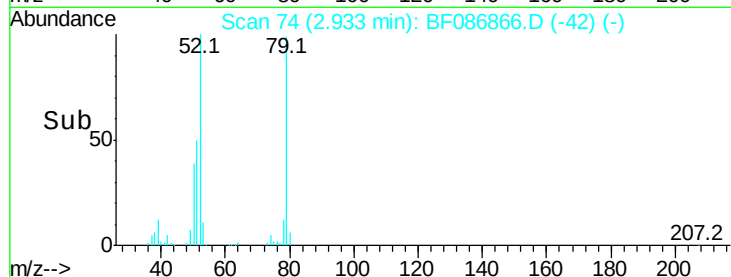
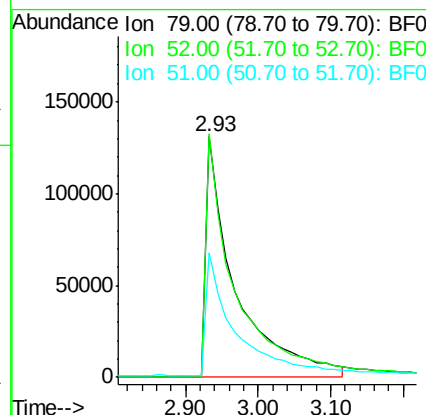
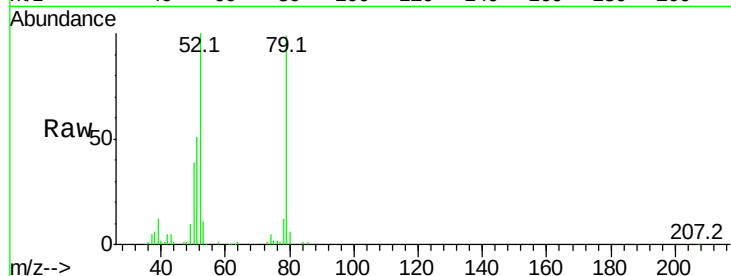
#3
 Pvridine
 Concen: 34.49 ng
 RT: 2.93 min Scan# 74
 Delta R.T. 0.07 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	101.1	55.9	83.9#
51	51.9	28.1	42.1#

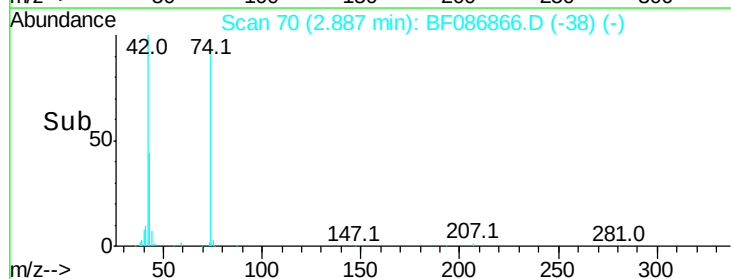
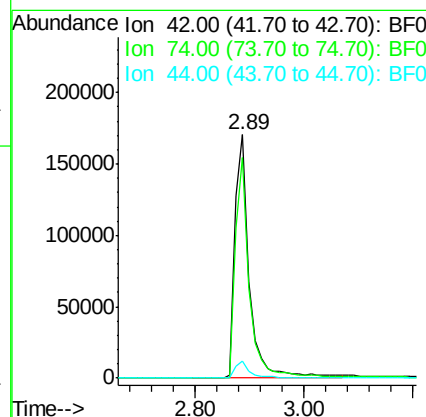
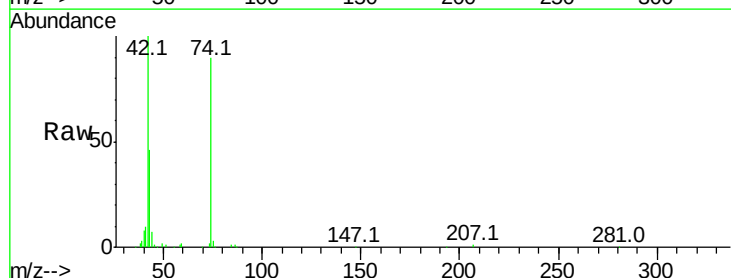
Manual Integrations
 APPROVED

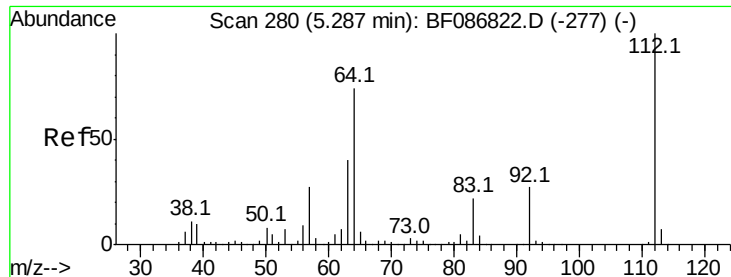
sohil
 5/11/2016 8:17:27 PM



#4
 n-Nitrosodimethylamine
 Concen: 38.81 ng
 RT: 2.89 min Scan# 70
 Delta R.T. 0.07 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	90.4	123.4	185.0#
44	6.8	5.8	8.6





#5

2-Fluorophenol

Concen: 112.50 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

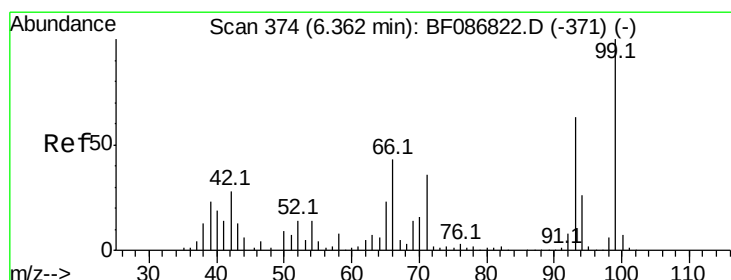
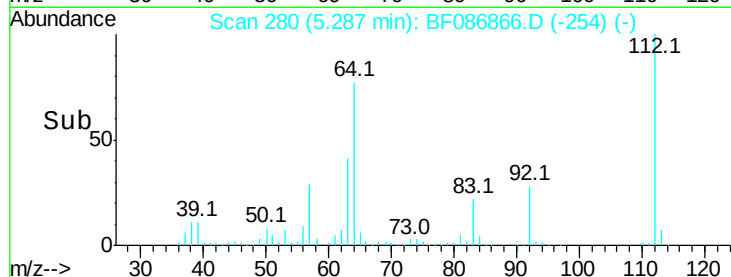
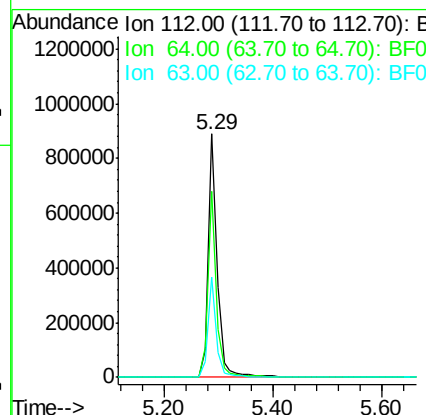
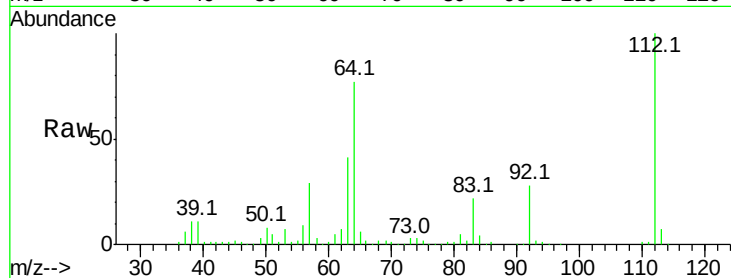
ClientSampleId :

PB90456BS

Tot Ion	Ratio	Lower	Upper
112	100		
64	76.6	52.1	78.1
63	41.4	25.7	38.5#

Manual Integrations
APPROVED

sohil
5/11/2016 8:17:27 PM



#6

Aniline

Concen: 21.73 ng

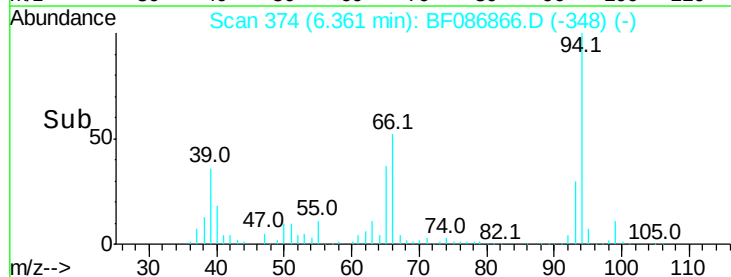
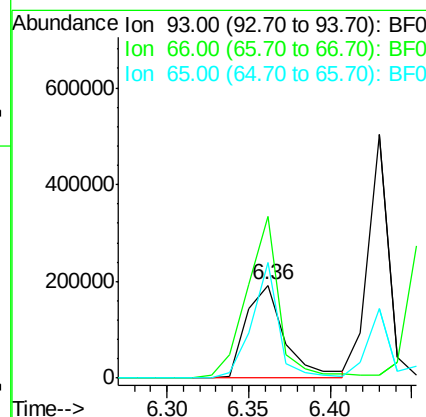
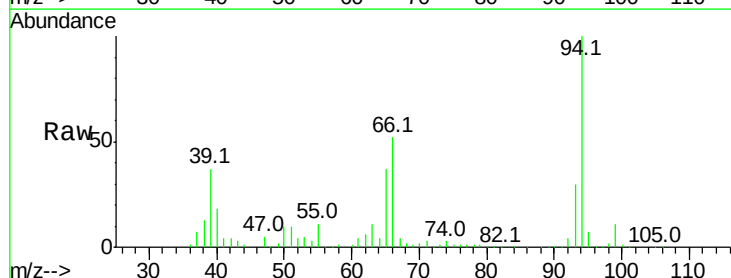
RT: 6.36 min Scan# 374

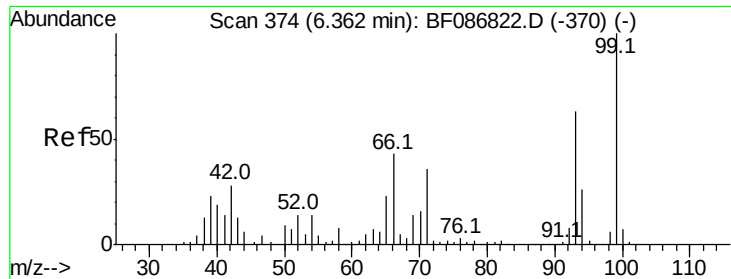
Delta R.T. -0.00 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
93	100		
66	174.3	39.0	58.6#
65	124.0	20.6	31.0#





#7

Phenol-d6

Concen: 117.17 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampled :

PB90456BS

Tot Ion: 99 Resp: 1414200

Ion Ratio Lower Upper

99 100

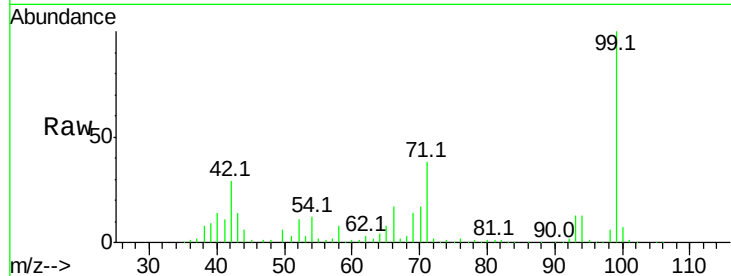
42 28.5 13.6 20.4#

71 38.0 24.6 36.8#

Manual Integrations
APPROVED

sohil

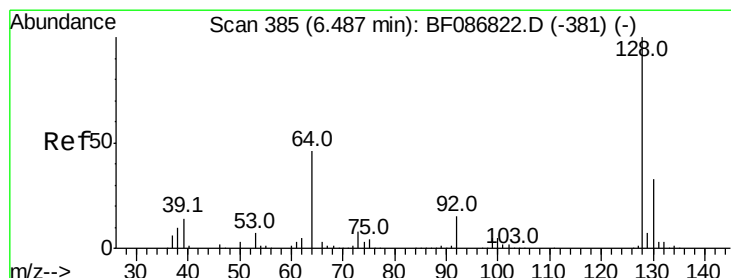
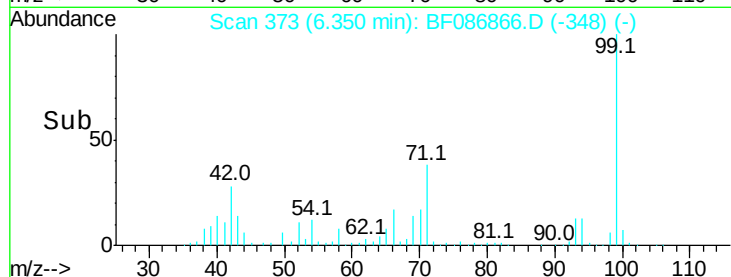
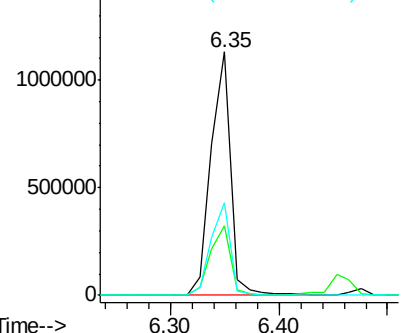
5/11/2016 8:17:27 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.75 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

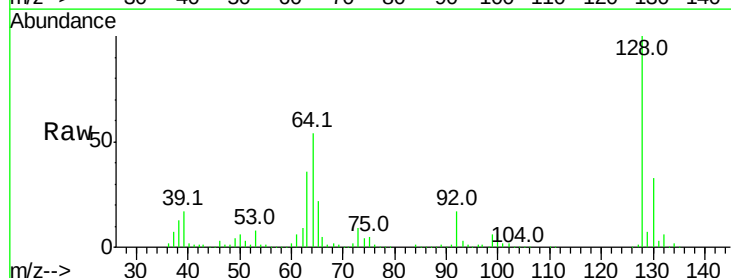
Tgt Ion: 128 Resp: 444083

Ion Ratio Lower Upper

128 100

130 32.5 12.5 52.5

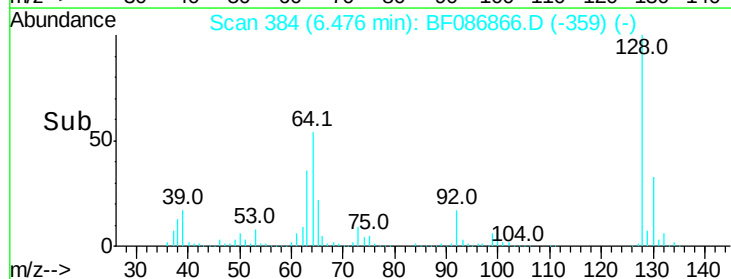
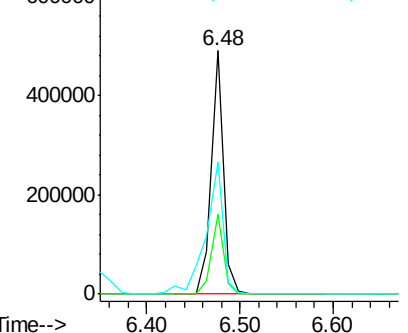
64 54.3 27.3 67.3

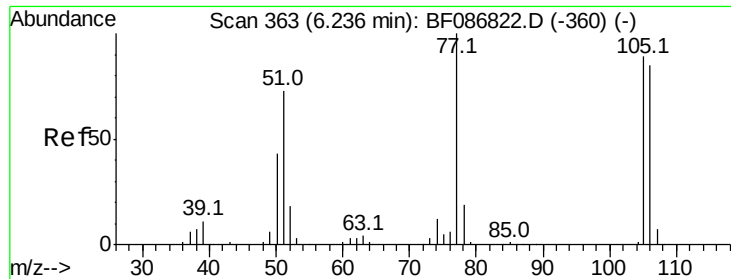


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.46 ng

RT: 6.24 min Scan# 363

Delta R.T. -0.00 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

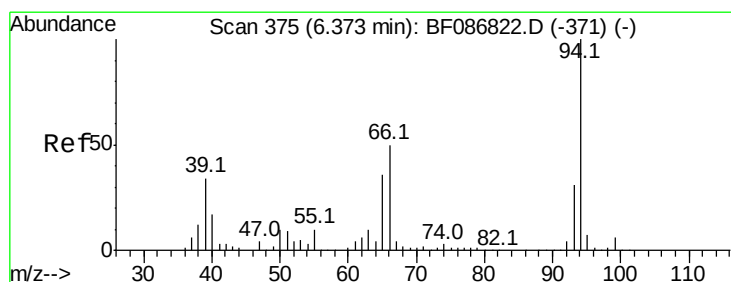
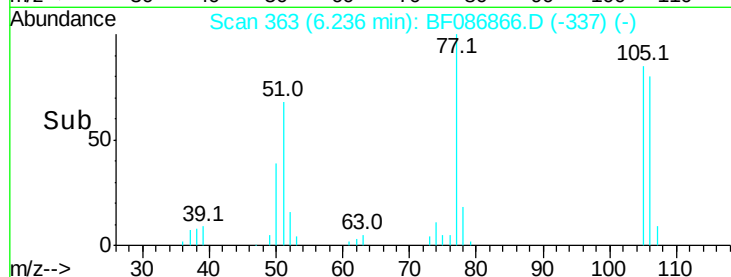
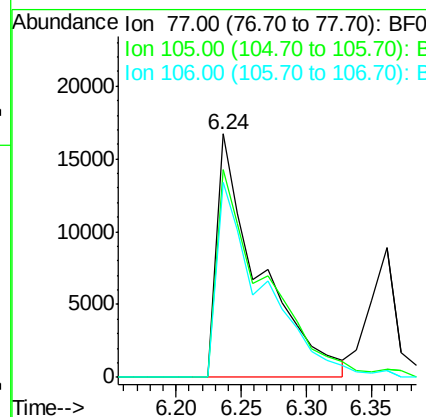
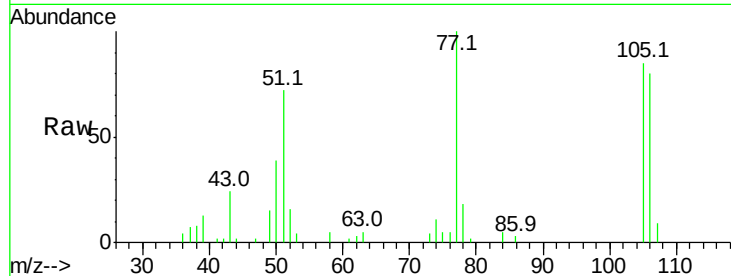
ClientSampled :

PB90456BS

Manual Integrations
APPROVED

sohil
5/11/2016 8:17:27 PM

Tot Ion	Ratio	Lower	Upper
77	100		
105	85.4	72.7	112.7
106	80.2	70.8	110.8



#10

Phenol

Concen: 42.69 ng

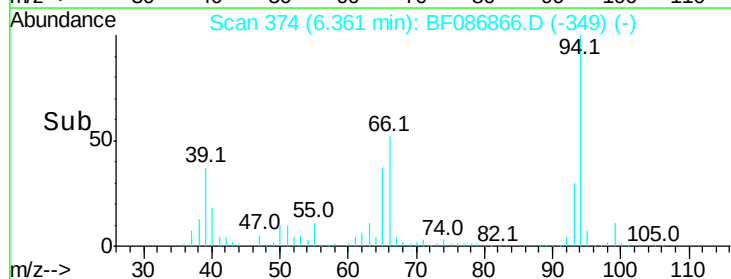
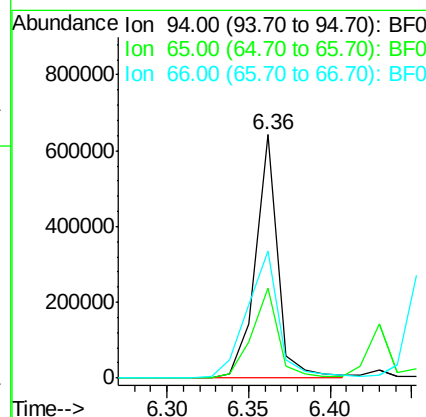
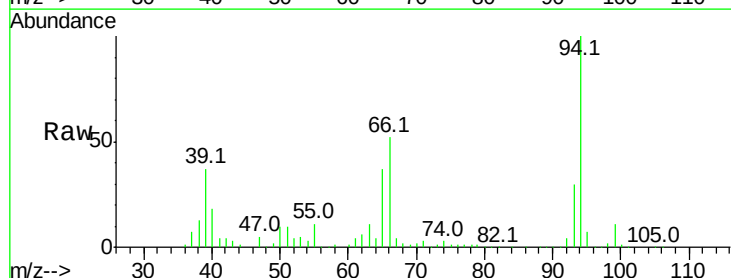
RT: 6.36 min Scan# 374

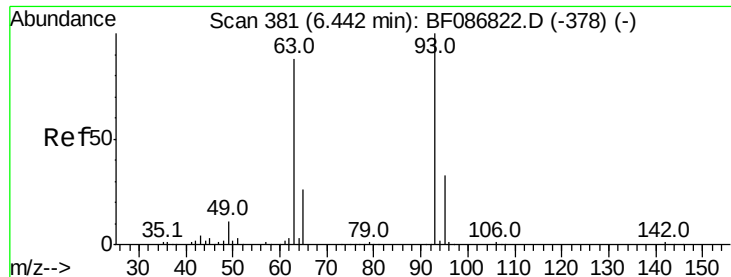
Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.1	7.2	47.2
66	52.2	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 39.64 ng/mL

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

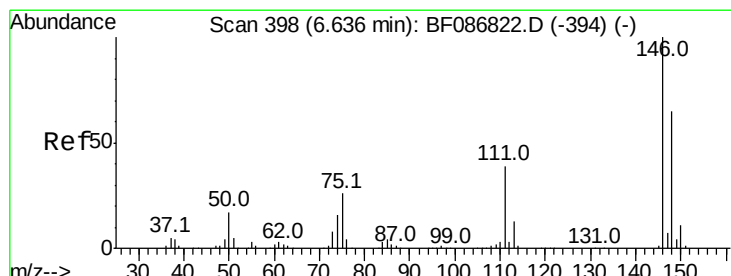
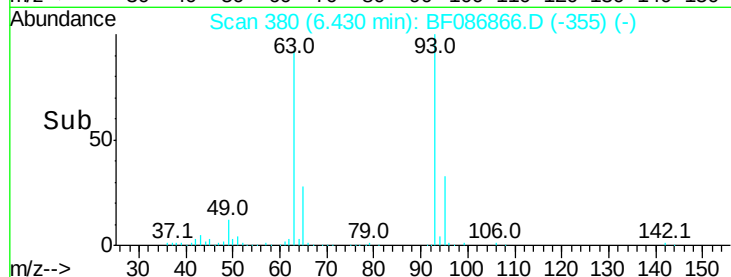
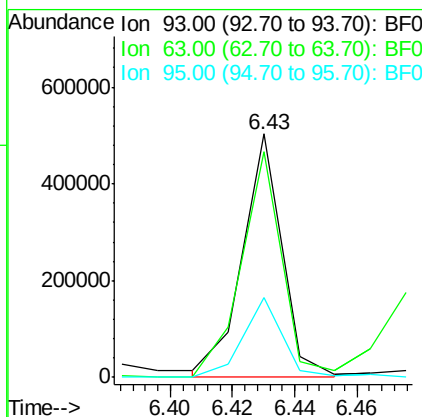
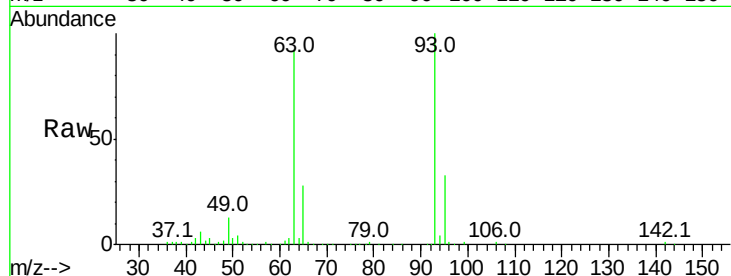
ClientSampleId :

PB90456BS

Tot Ion	93	Ratio	100	Resp	443383
Ion	93	Ratio	100	Lower	Upper
	63	92.5		58.0	98.0
	95	32.5		11.9	51.9

Manual Integrations
APPROVED

sohil
5/11/2016 8:17:27 PM



#12

1,3-Dichlorobenzene

Concen: 39.02 ng/mL

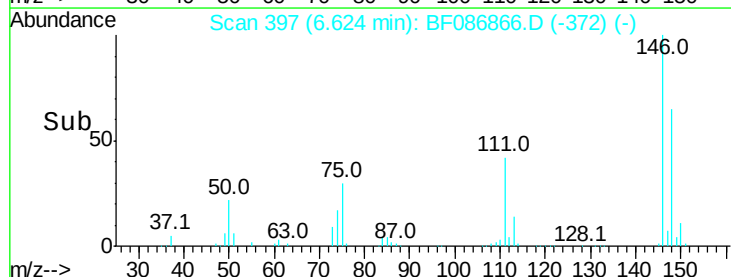
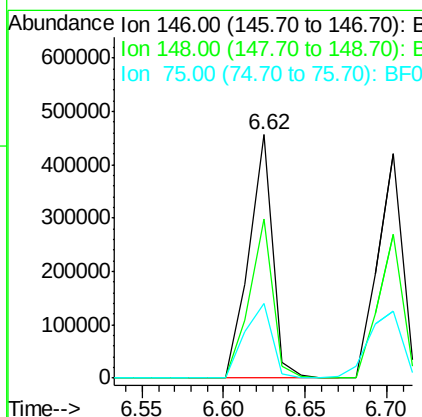
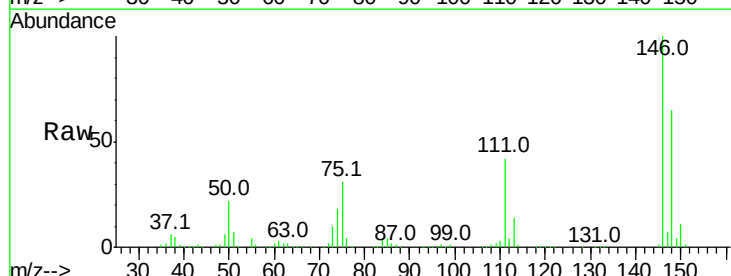
RT: 6.62 min Scan# 397

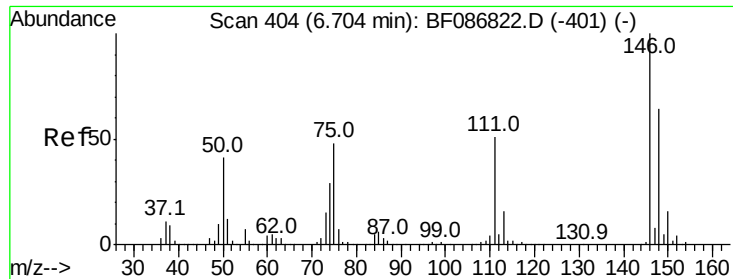
Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Tgt Ion	146	Ratio	100	Resp	460155
Ion	146	Ratio	100	Lower	Upper
	148	65.3		52.4	78.6
	75	30.6		22.8	34.2





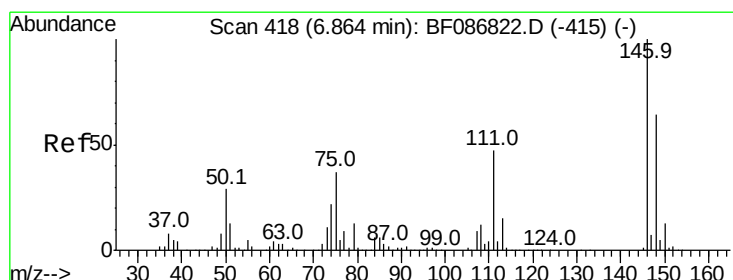
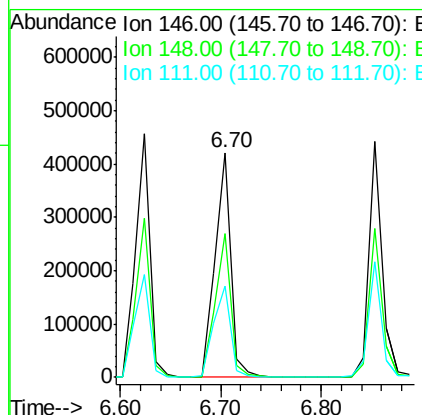
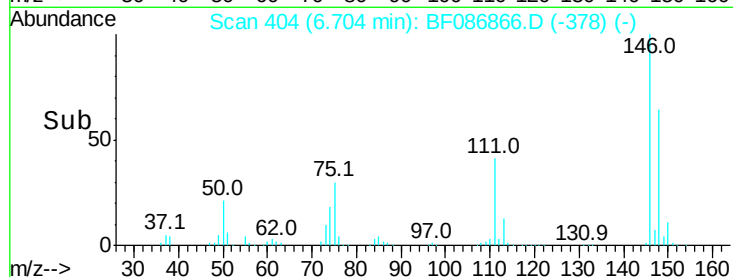
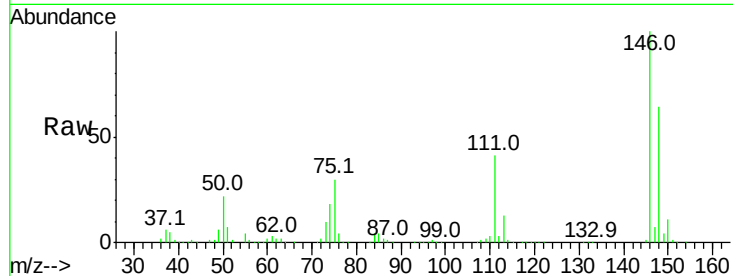
#13
 1,4-Dichlorobenzene
 Concen: 38.19 ng
 RT: 6.70 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.4
111	40.6	30.7	46.1

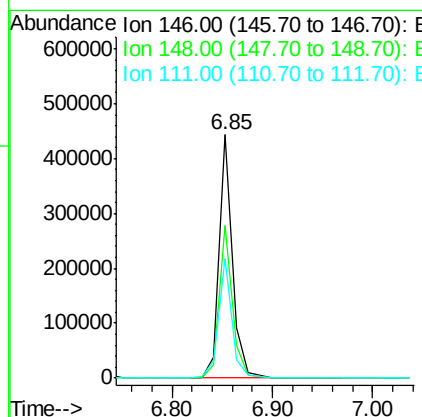
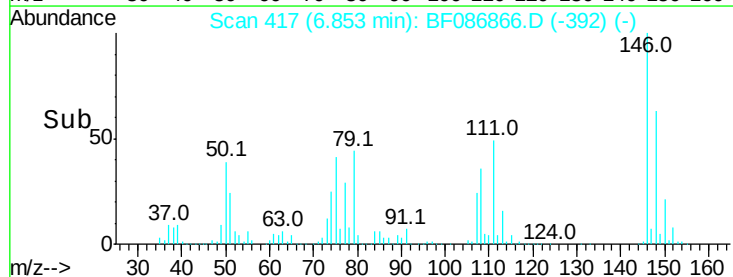
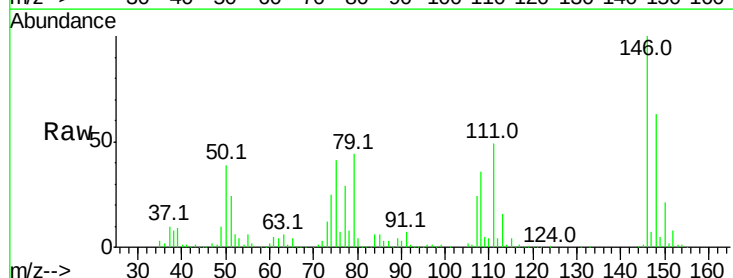
Manual Integrations
 APPROVED

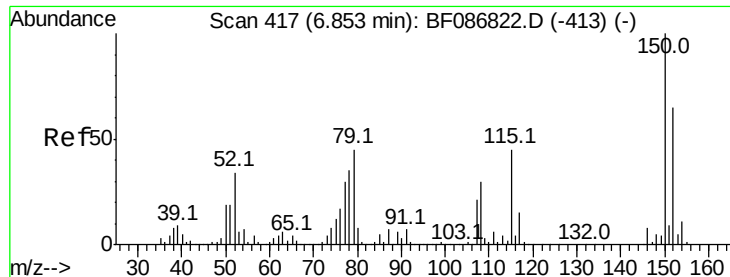
sohil
 5/11/2016 8:17:27 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.87 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.0	76.6
111	49.0	36.2	54.4





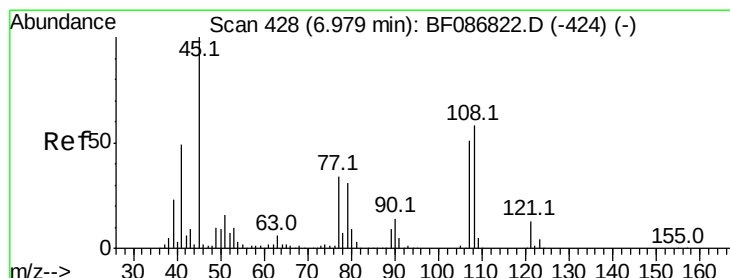
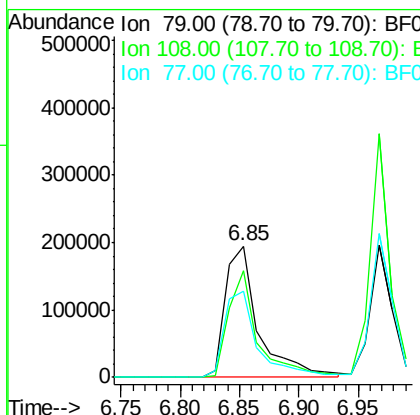
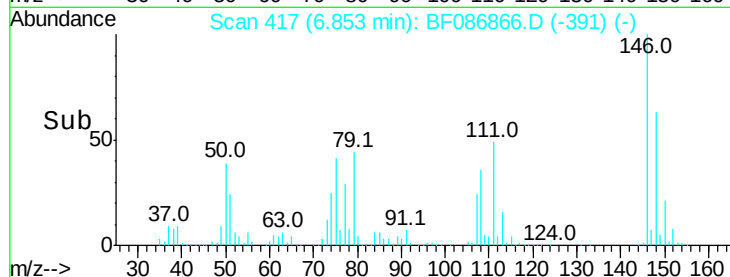
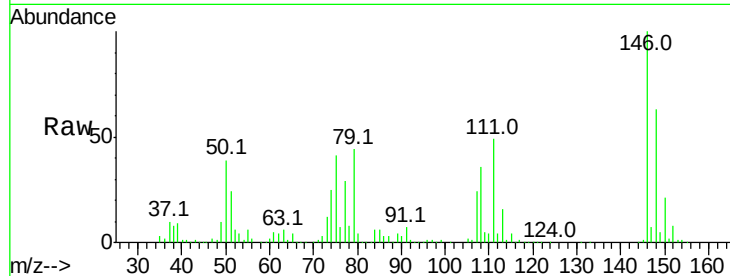
#15
Benzyl Alcohol
Concen: 45.16 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Instrument :
BNA_F
ClientSampled :
PB90456BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	81.6	68.4	102.6		
77	65.6	50.6	76.0		

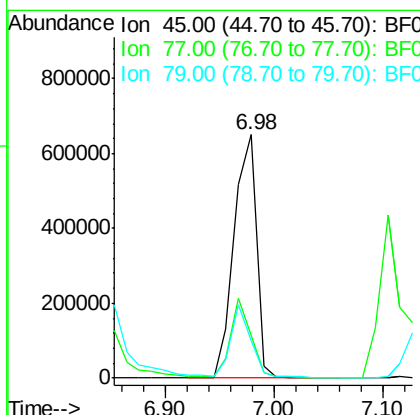
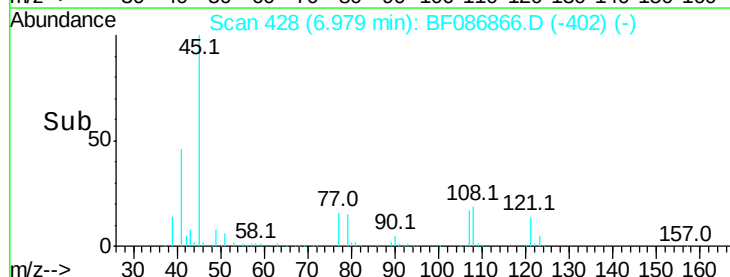
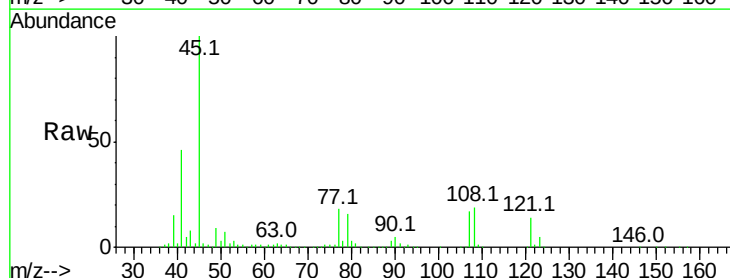
Manual Integrations
APPROVED

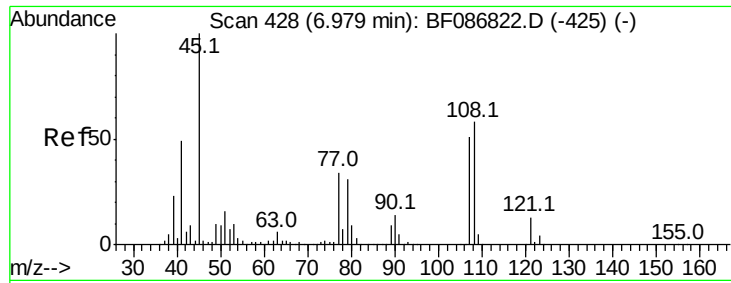
sohil
5/11/2016 8:17:27 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.97 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	17.5	0.0	36.4		
79	15.5	0.0	33.4		





#17

2-Methylphenol

Concen: 42.94 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

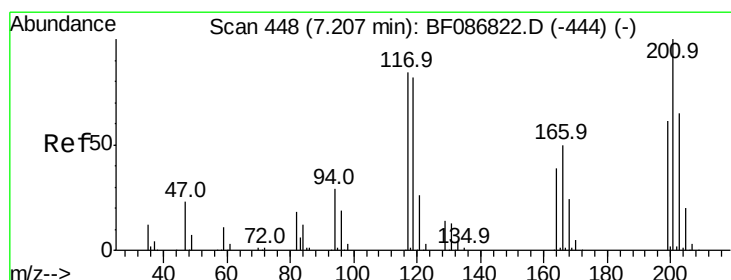
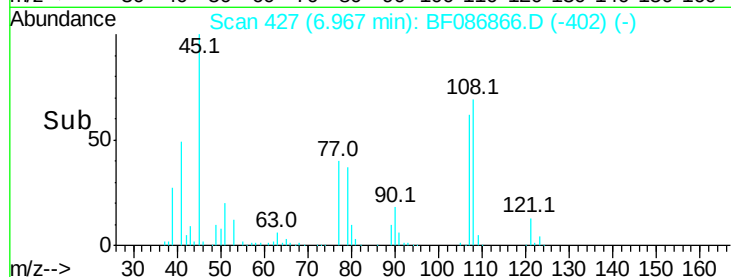
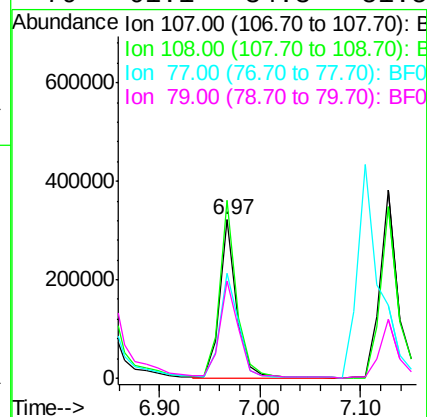
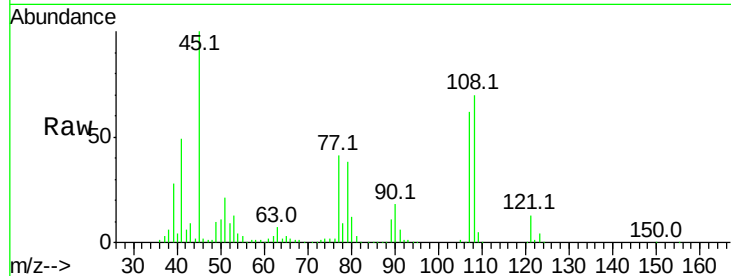
ClientSampled :

PB90456BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	93.7	140.5	
77	66.3	33.4	50.0#	
79	61.1	34.3	51.5#	

Manual Integrations
APPROVED

sohil
5/11/2016 8:17:27 PM



#18

Hexachloroethane

Concen: 39.84 ng

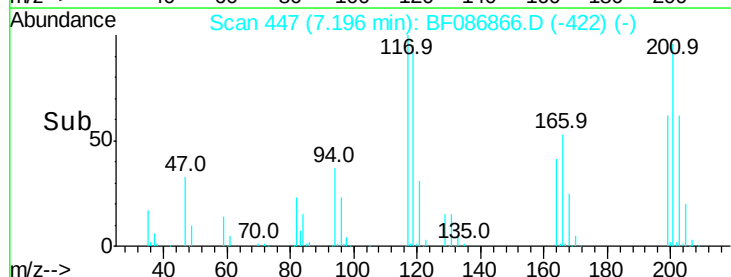
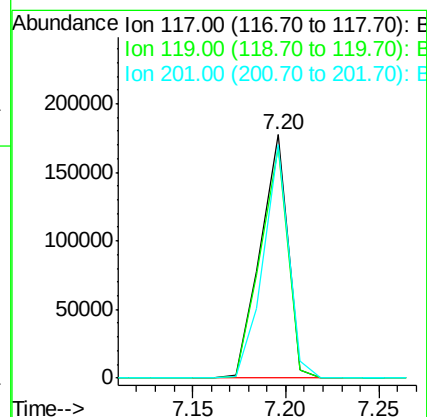
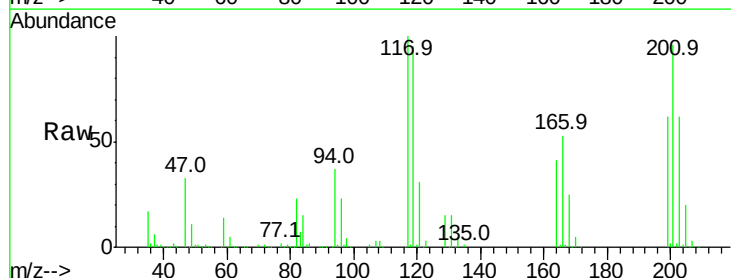
RT: 7.20 min Scan# 447

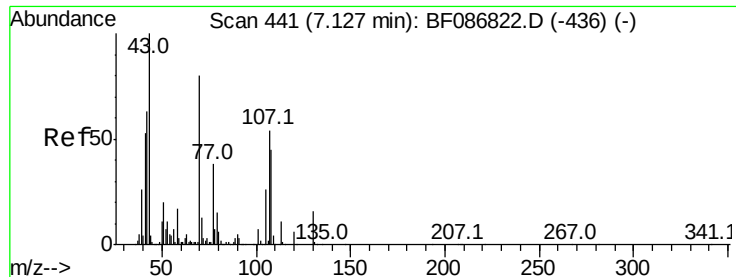
Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	76.5	114.7	
201	95.9	63.0	94.6#	





#19

n-Nitroso-di-n-propylamine

Concen: 43.60 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

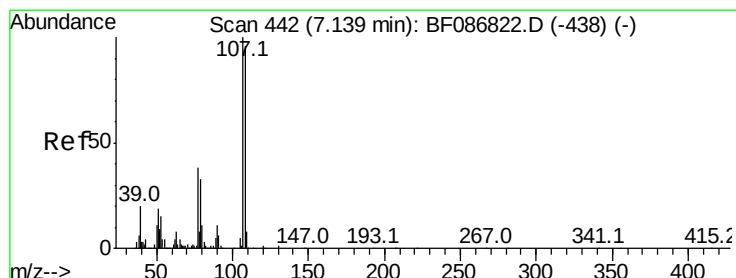
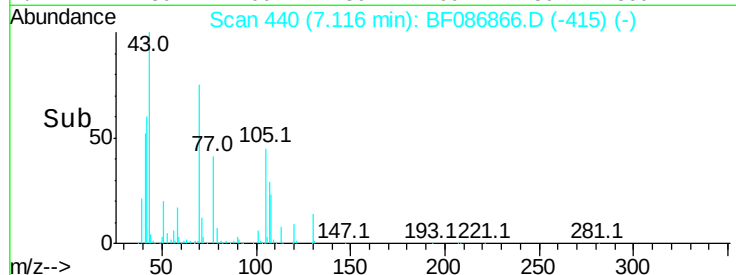
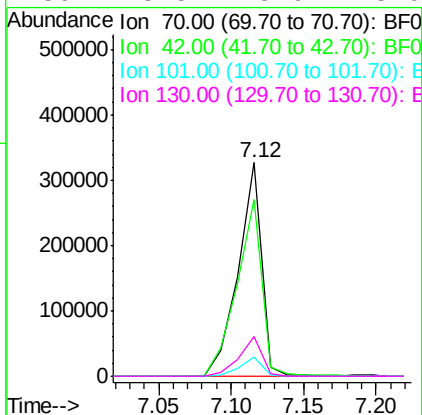
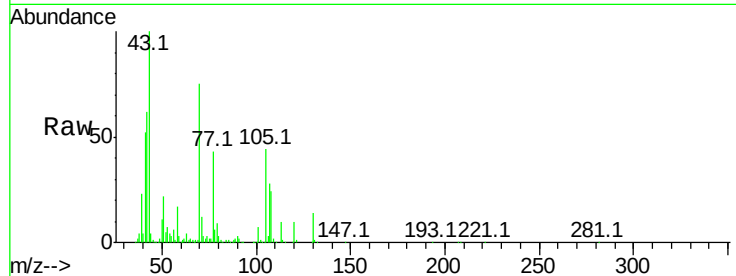
PB90456BS

Tot Ion: 70 Resp: 367787
Ion Ratio Lower Upper

70	100		
42	82.5	43.1	64.7#
101	9.0	8.1	12.1
130	18.5	18.6	28.0#

Manual Integrations
APPROVED

sohil
5/11/2016 8:17:27 PM



#20

3+4-Methylphenols

Concen: 43.26 ng

RT: 7.13 min Scan# 441

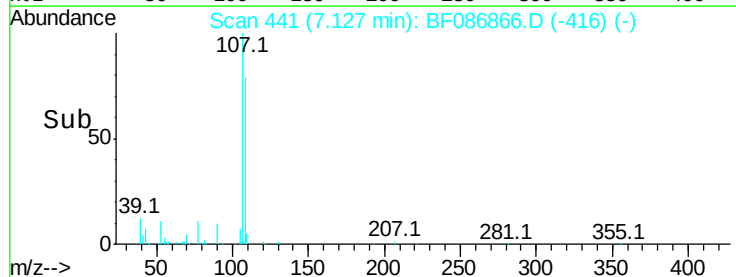
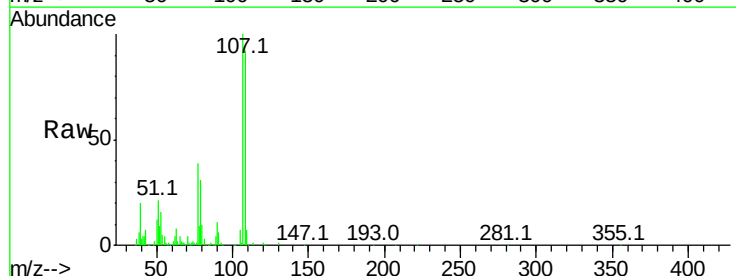
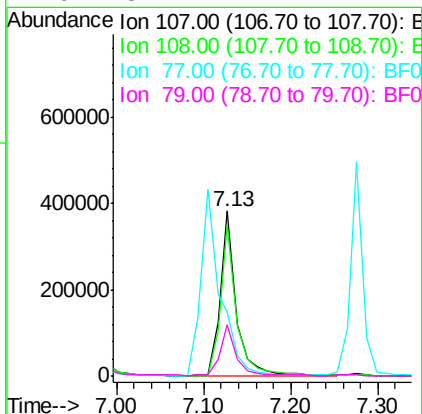
Delta R.T. -0.01 min

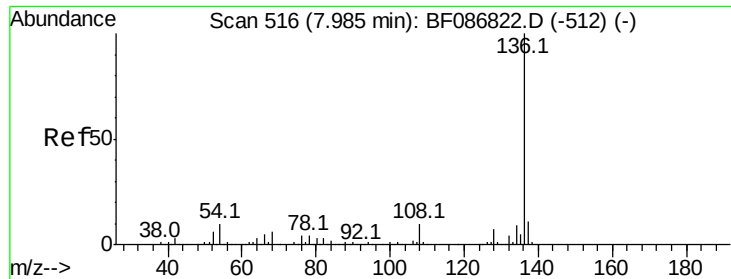
Lab File: BF086866.D

Acq: 10 May 2016 18:16

Tgt Ion: 107 Resp: 489944
Ion Ratio Lower Upper

107	100		
108	91.6	68.5	108.5
77	39.2	101.6	141.6#
79	31.4	7.4	47.4





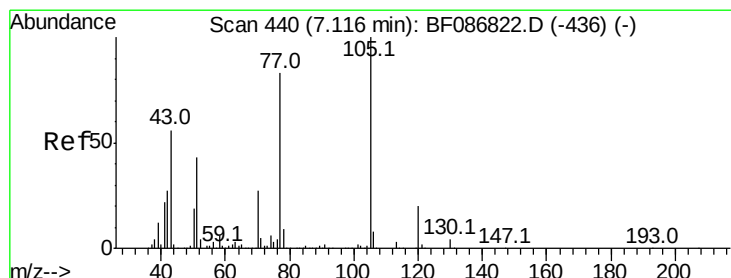
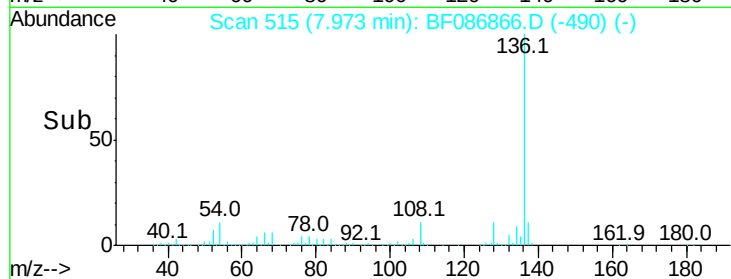
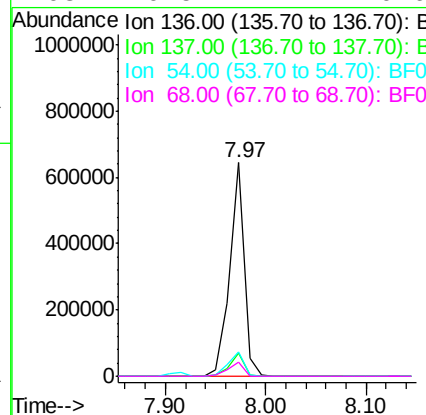
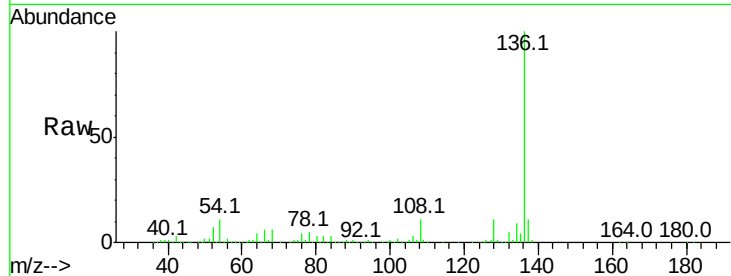
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90456BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	650879		
137	11.0		8.8	13.2
54	11.3		5.0	7.4#
68	6.5		4.4	6.6

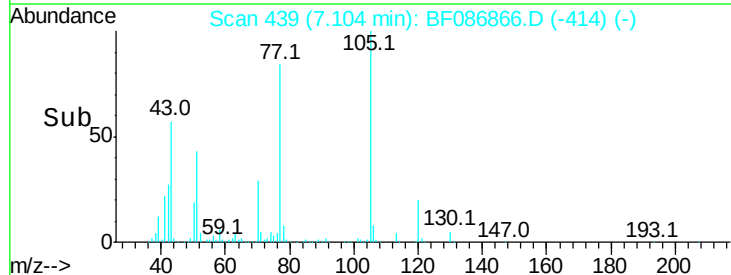
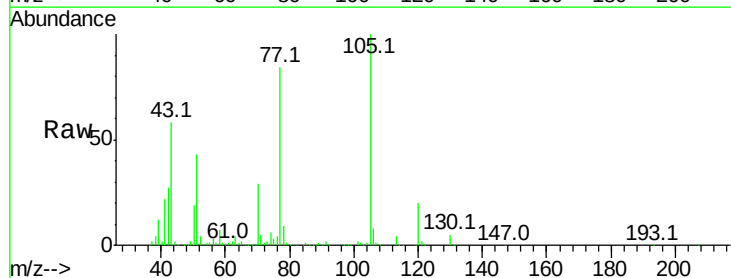
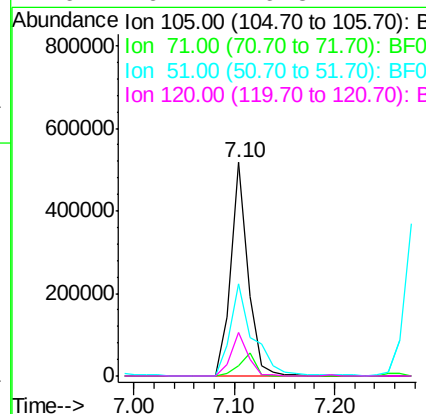
Manual Integrations
APPROVED

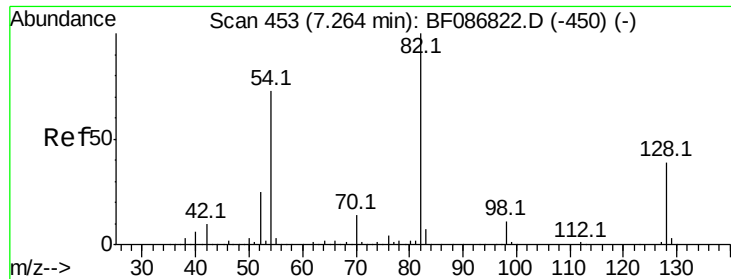
sohil
5/11/2016 8:17:27 PM



#22
Acetophenone
Concen: 40.21 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	618244		
71	4.8		4.8	7.2#
51	42.9		32.6	49.0
120	20.4		16.5	24.7





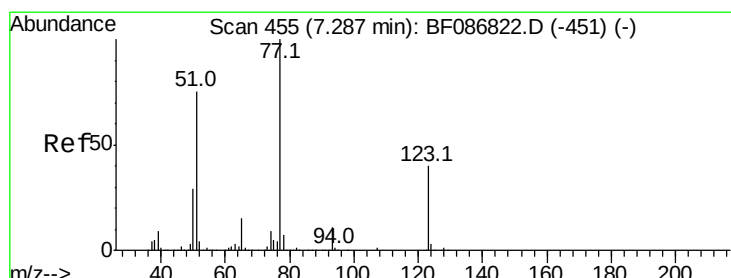
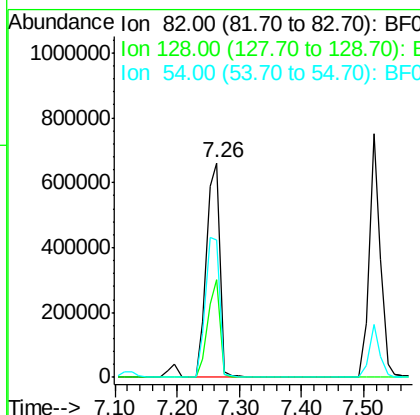
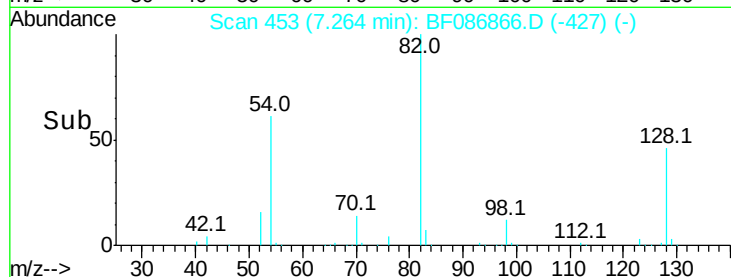
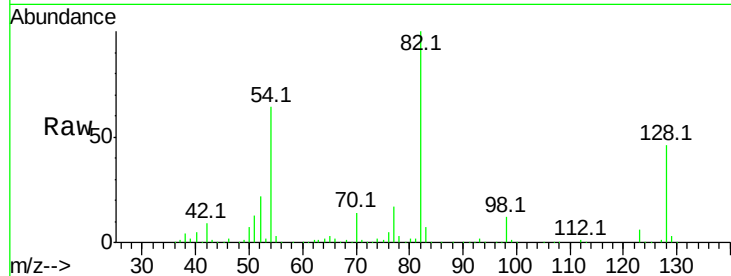
#23
 Nitrobenzene-d5
 Concen: 77.66 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Instrument :
 BNA_F
 ClientSampled :
 PB90456BS

Tot Ion: 82 Resp: 1006627
 Ion Ratio Lower Upper
 82 100
 128 45.7 40.6 61.0
 54 63.7 38.1 57.1#

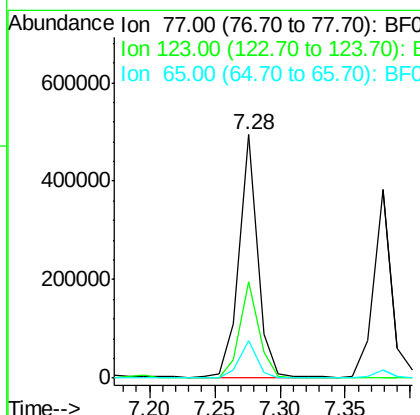
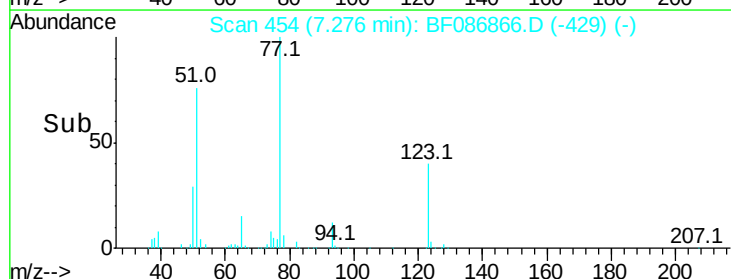
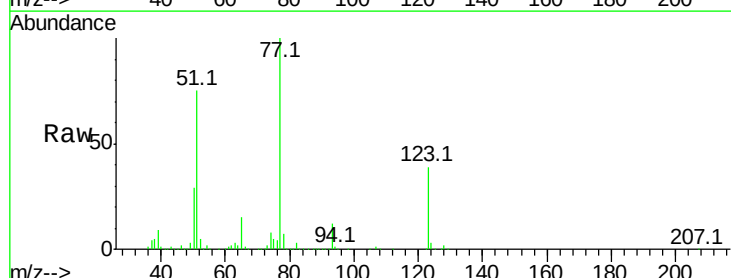
Manual Integrations
 APPROVED

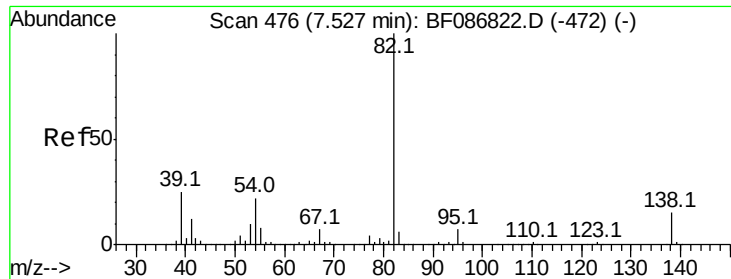
sohil
 5/11/2016 8:17:27 PM



#24
 Nitrobenzene
 Concen: 36.47 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Tgt Ion: 77 Resp: 486322
 Ion Ratio Lower Upper
 77 100
 123 39.4 33.0 49.4
 65 15.2 10.8 16.2





#25

Isophorone

Concen: 38.21 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

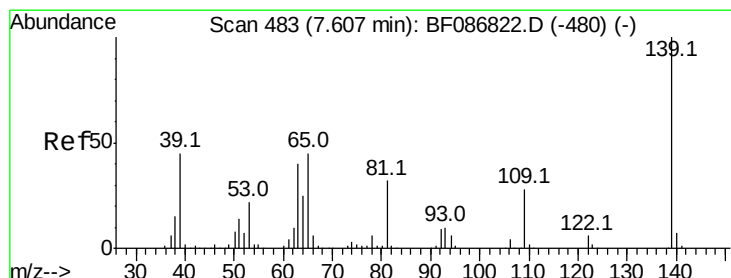
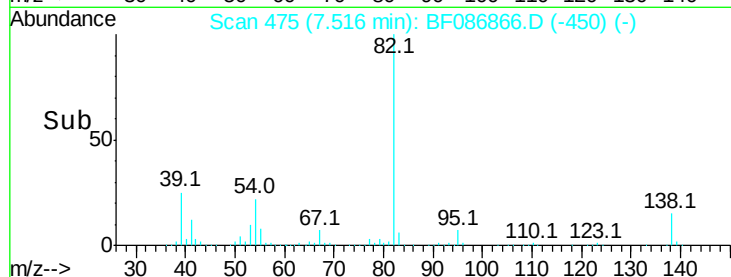
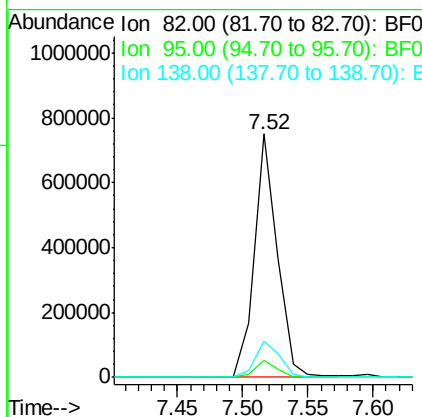
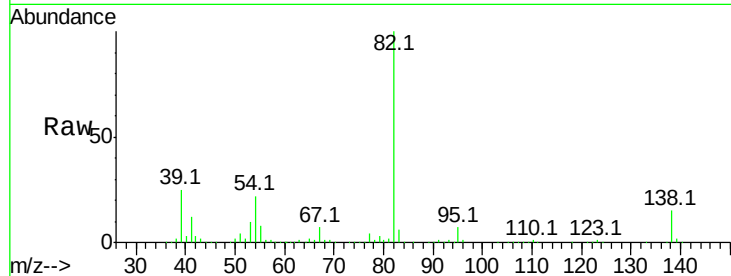
ClientSampleId :

PB90456BS

Tot Ion:	82	Resp:	918978
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.1	7.7
138	14.8	12.4	18.6

Manual Integrations
APPROVED

sohil
5/11/2016 8:17:27 PM



#26

2-Nitrophenol

Concen: 41.46 ng

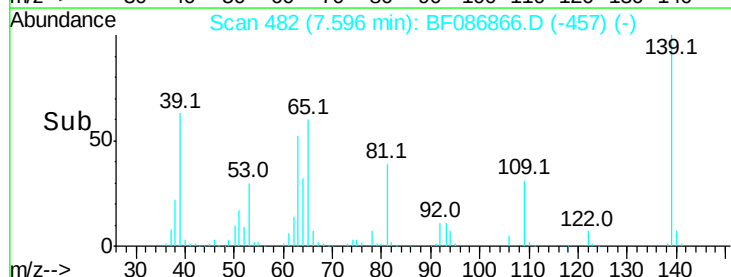
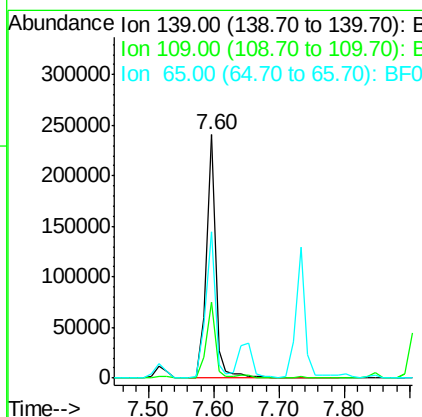
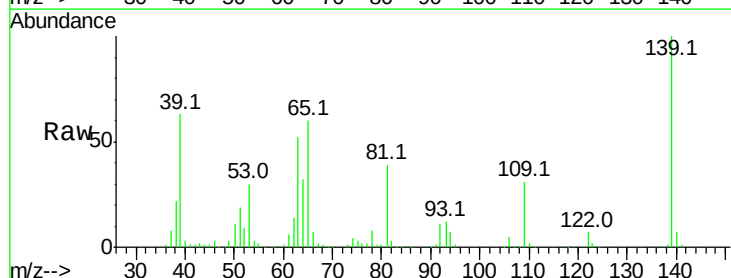
RT: 7.60 min Scan# 482

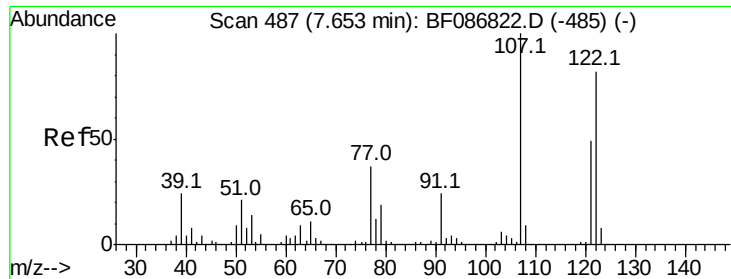
Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Tgt Ion:	139	Resp:	243003
Ion Ratio	Lower	Upper	
139	100		
109	31.4	19.5	29.3#
65	60.4	37.5	56.3#





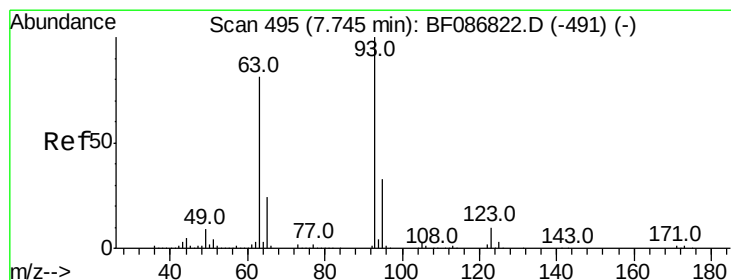
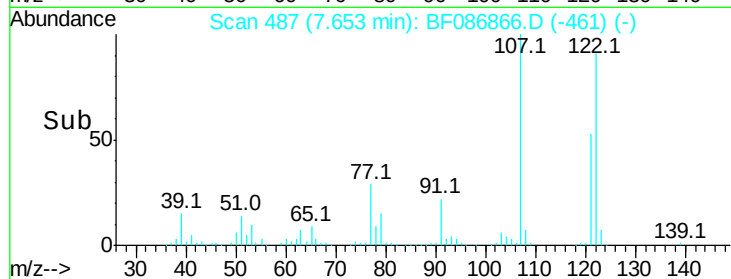
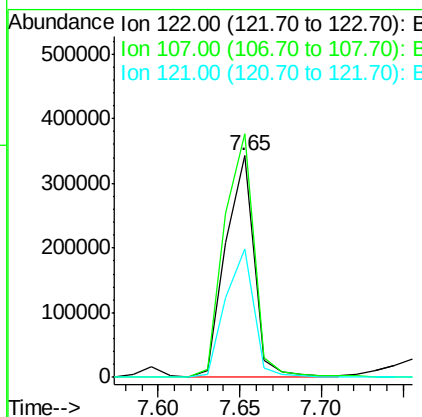
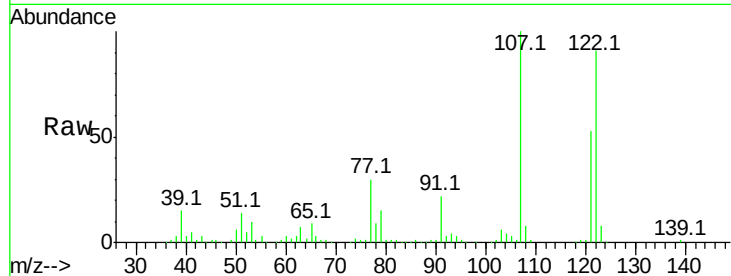
#27
 2,4-Dimethylphenol
 Concen: 41.37 ng
 RT: 7.65 min Scan# 487
 Delta R.T. -0.00 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	413024		
107	109.8	82.0	123.0	
121	58.1	46.1	69.1	

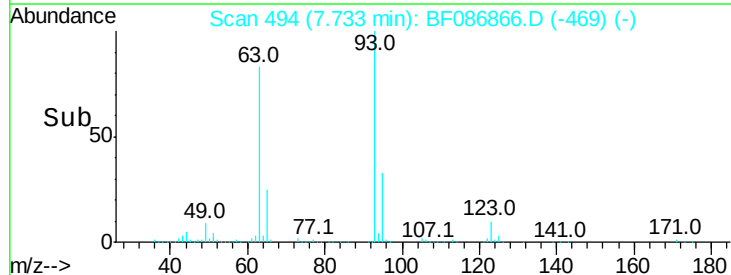
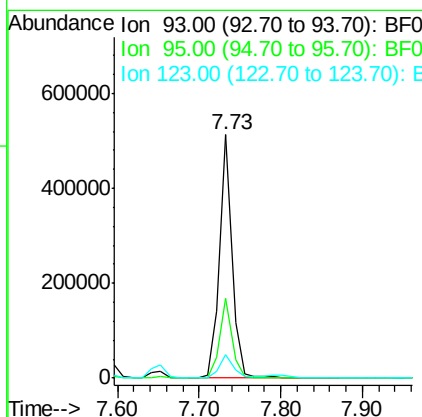
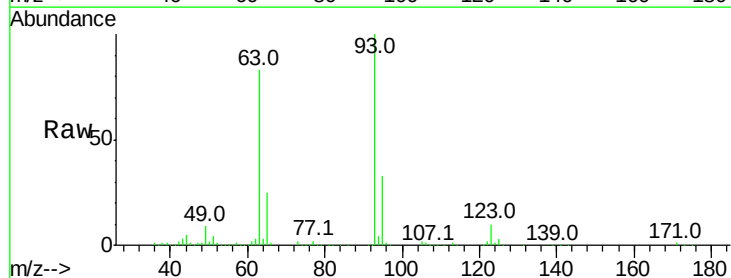
Manual Integrations
 APPROVED

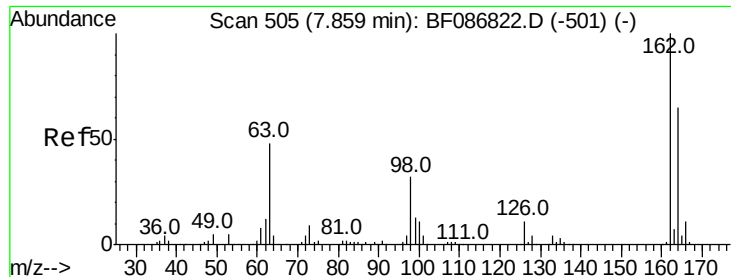
sohil
 5/11/2016 8:17:27 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.99 ng
 RT: 7.73 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	544684		
95	32.9	26.0	39.0	
123	9.7	9.5	14.3	





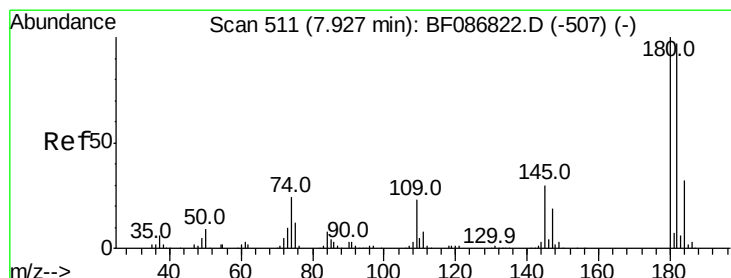
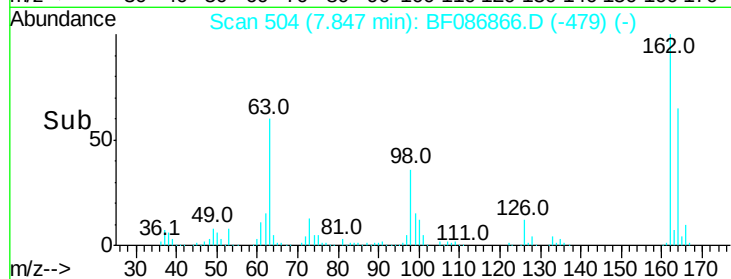
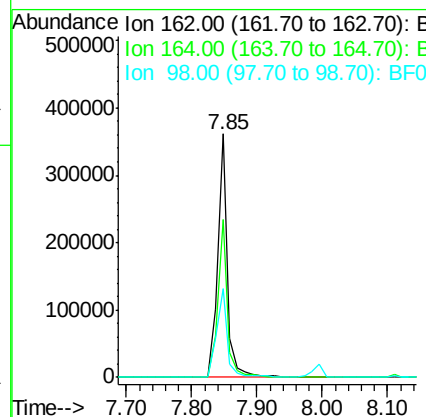
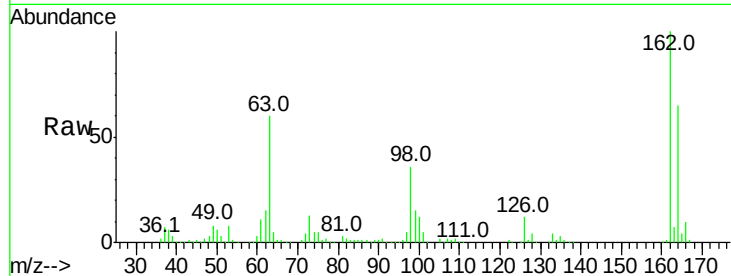
#29
2,4-Dichlorophenol
Concen: 43.61 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90456BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		383227		
164	65.0	42.2	82.2		
98	36.2	19.0	59.0		

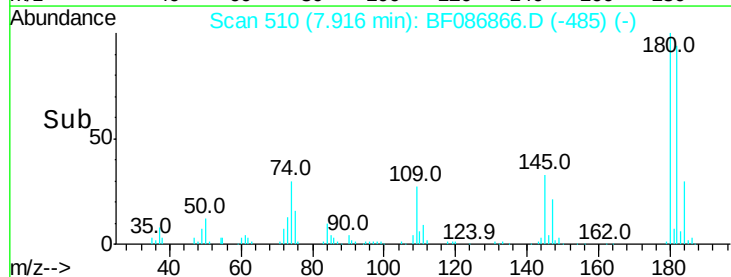
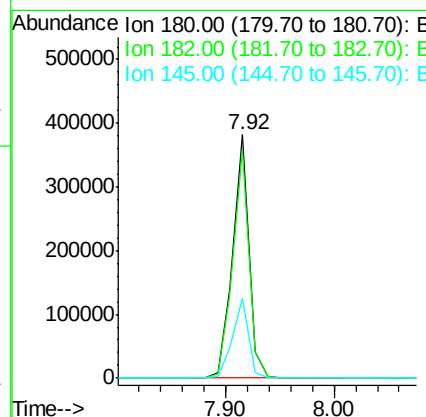
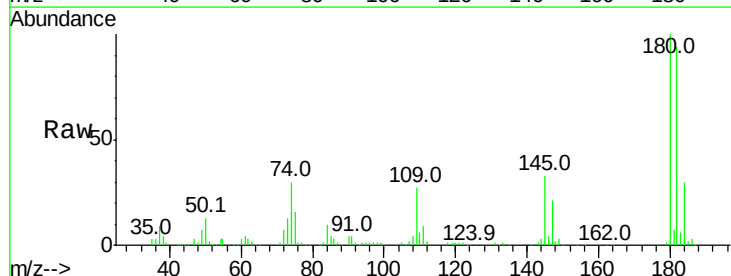
Manual Integrations
APPROVED

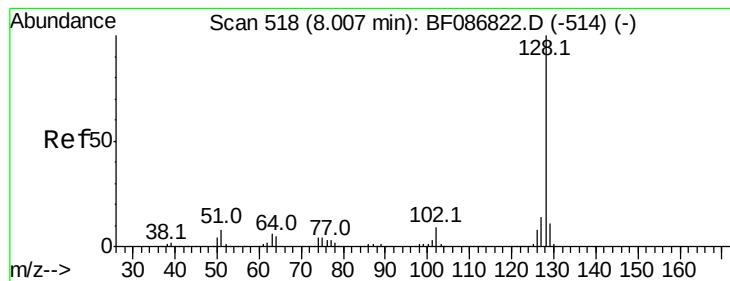
sohil
5/11/2016 8:17:27 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.02 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		393266		
182	93.9	78.0	117.0		
145	32.5	24.2	36.2		





#31

Naphthalene

Concen: 40.44 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90456BS

Tot Ion:128 Resp: 1318539

Ion Ratio Lower Upper

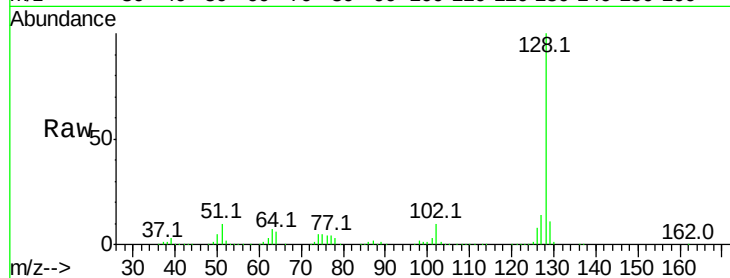
128 100

129 11.1 8.6 13.0

127 13.7 10.8 16.2

Manual Integrations
APPROVED

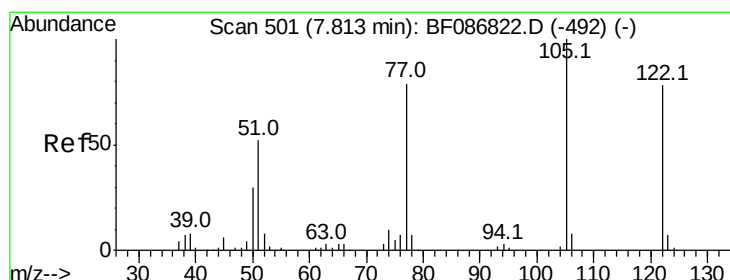
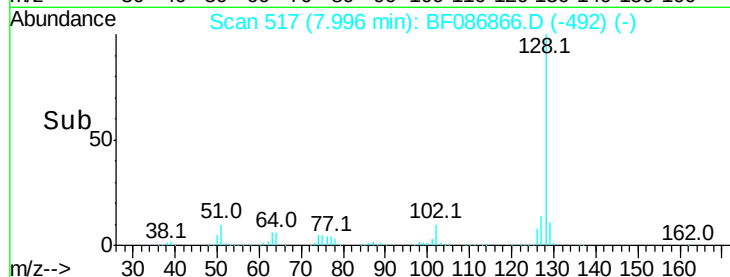
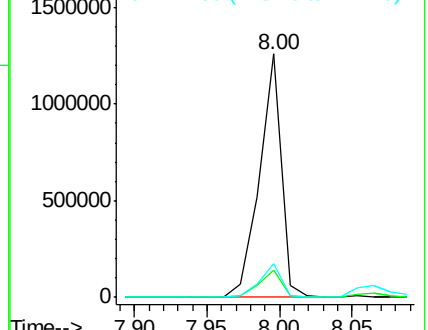
sohil
5/11/2016 8:17:27 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.92 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

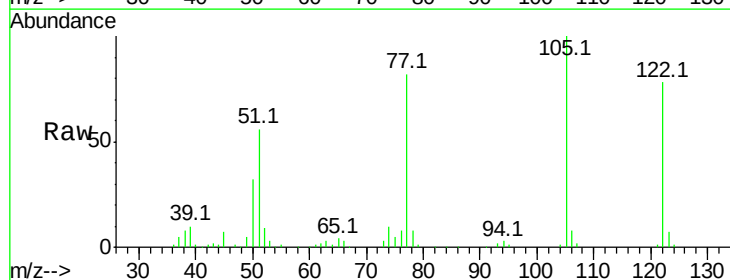
Tgt Ion:122 Resp: 222358

Ion Ratio Lower Upper

122 100

105 127.8 92.6 132.6

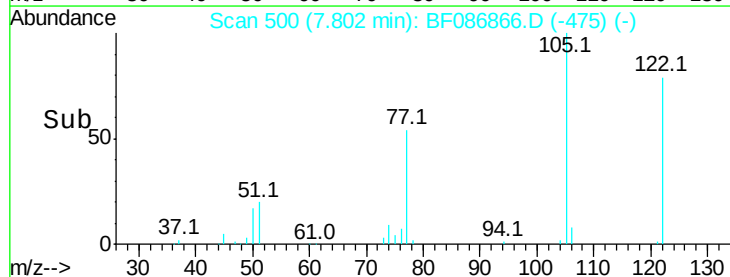
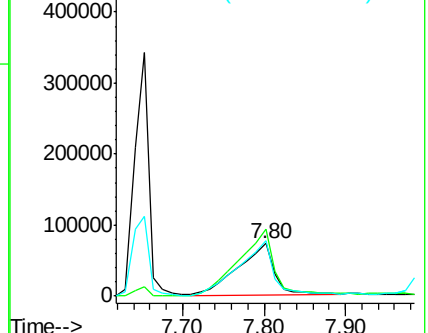
77 105.2 60.0 100.0#

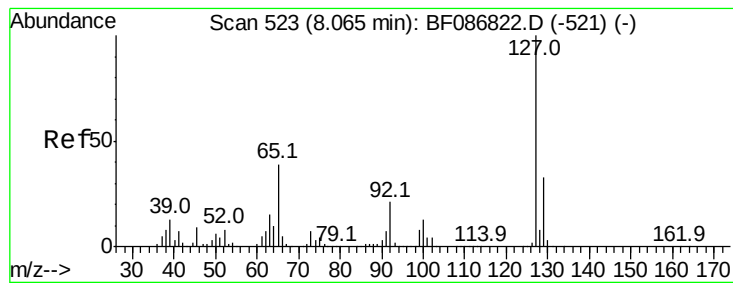


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 9.80 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

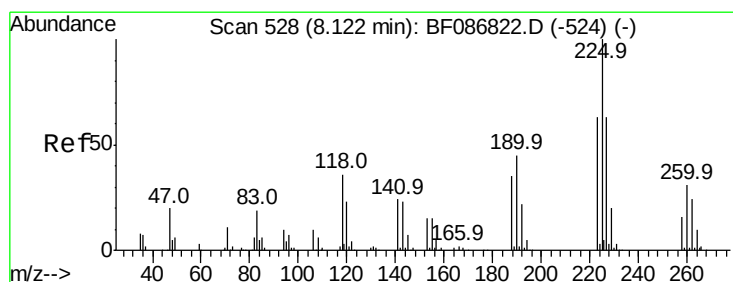
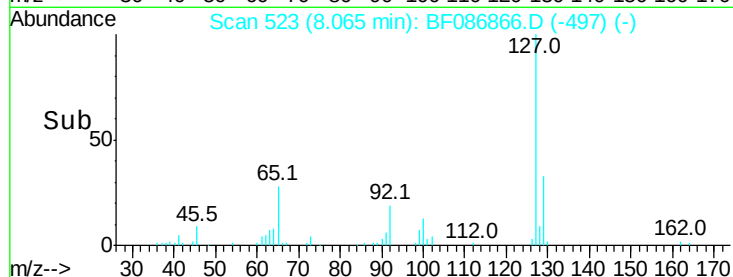
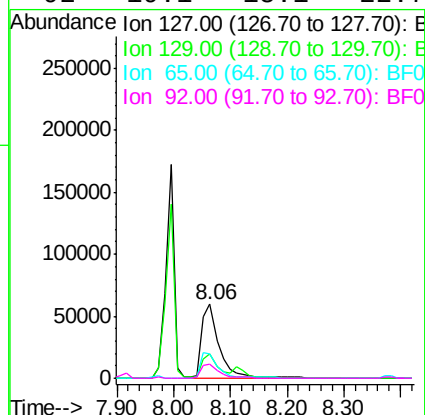
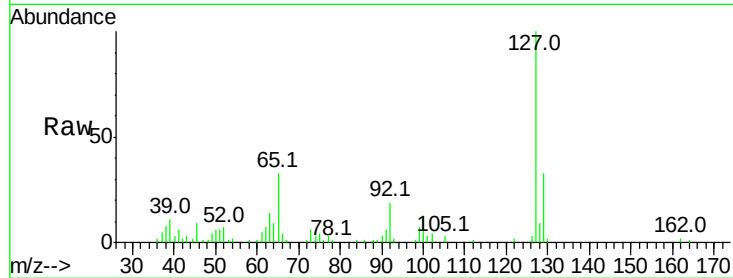
ClientSampled :

PB90456BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.2	39.4		
65	33.0	23.0	34.4		
92	19.1	15.1	22.7		

Manual Integrations
APPROVED

sohil
5/11/2016 8:17:27 PM



#34

Hexachlorobutadiene

Concen: 37.23 ng

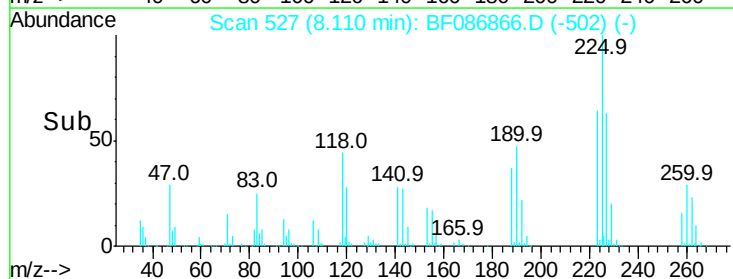
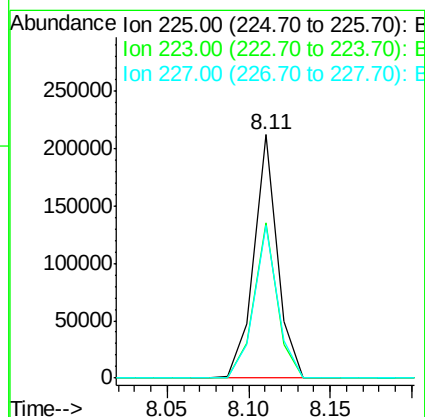
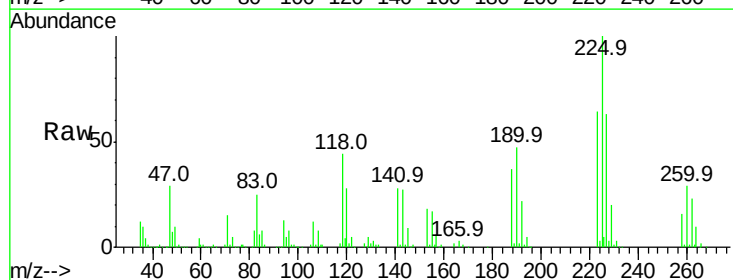
RT: 8.11 min Scan# 527

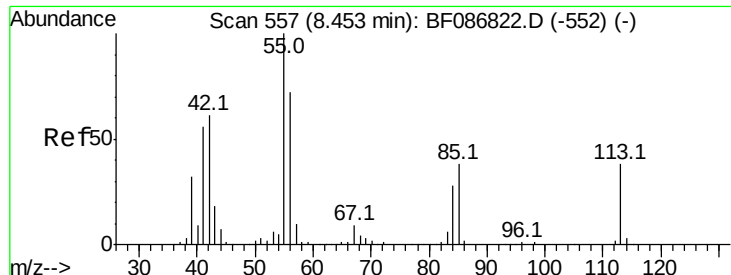
Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	51.5	77.3		
227	62.9	52.2	78.2		





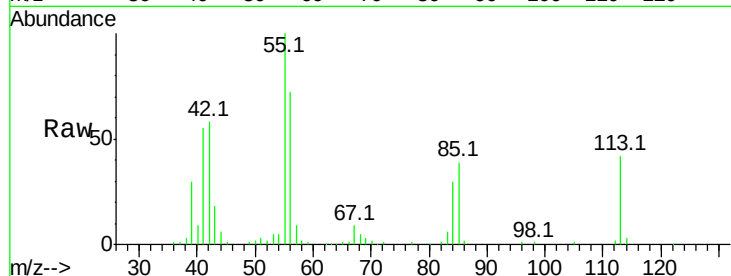
#35
 Caprolactam
 Concen: 40.37 ng/ml
 RT: 8.44 min Scan# 556
 Delta R.T. -0.01 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleID :
 PB90456BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	238.0	162.0	202.0	
56	171.7	115.3	155.3	

Manual Integrations
 APPROVED

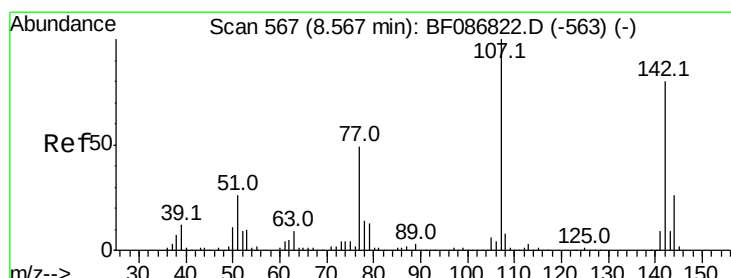
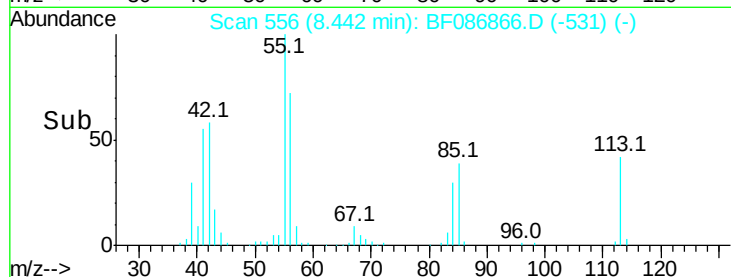
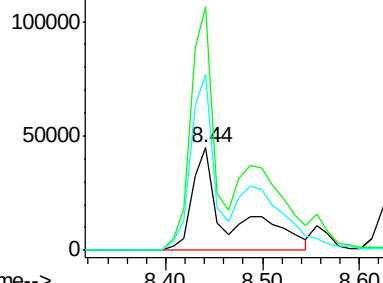
sohil
 5/11/2016 8:17:27 PM



Abundance Ion 113.00 (112.70 to 113.70): E

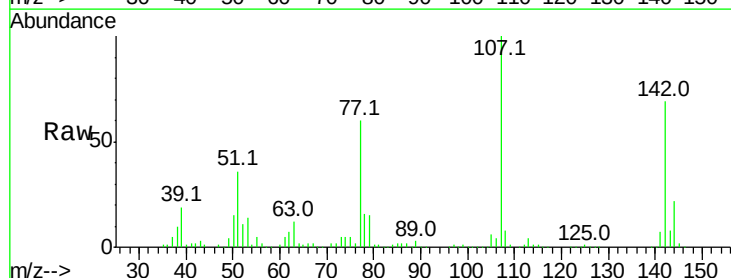
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36
 4-Chloro-3-methylphenol
 Concen: 39.35 ng/ml
 RT: 8.56 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

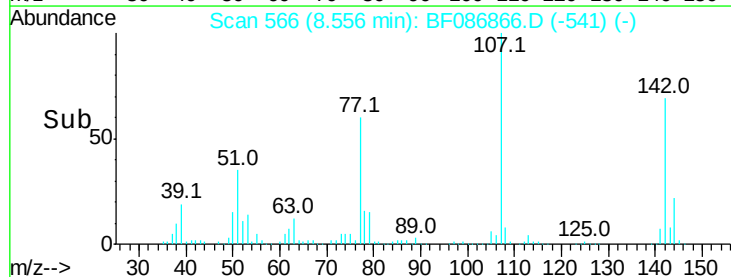
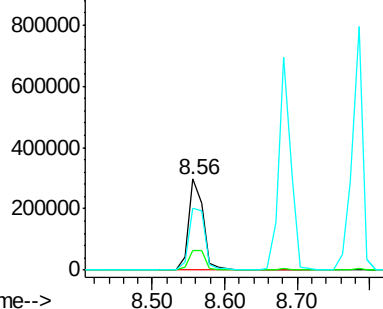
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	22.2	20.7	31.1	
142	68.6	63.2	94.8	

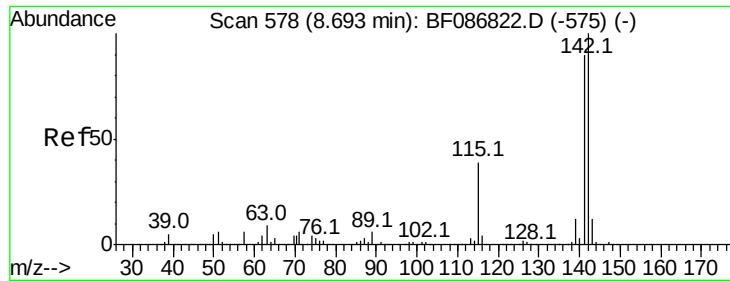


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





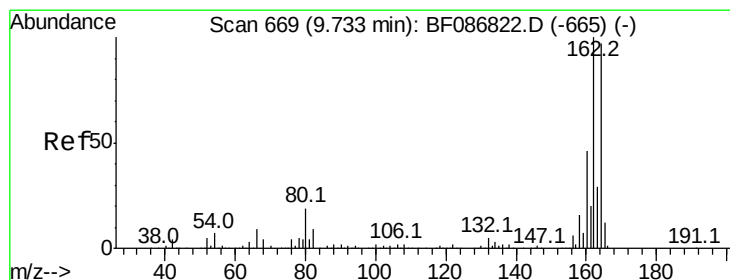
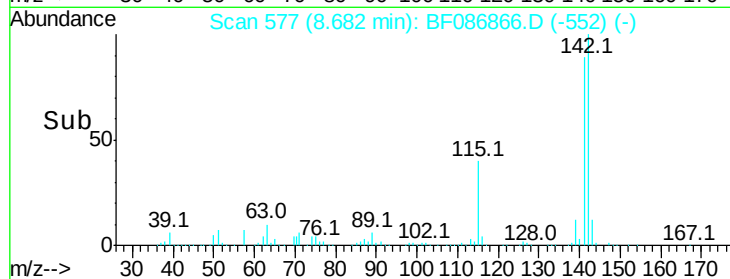
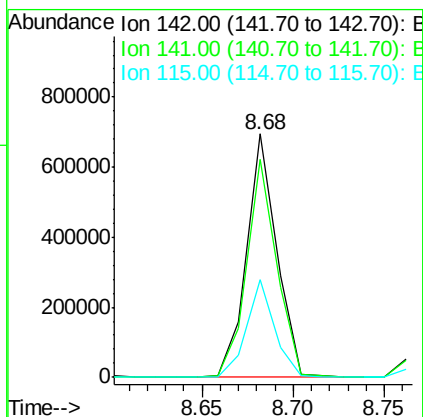
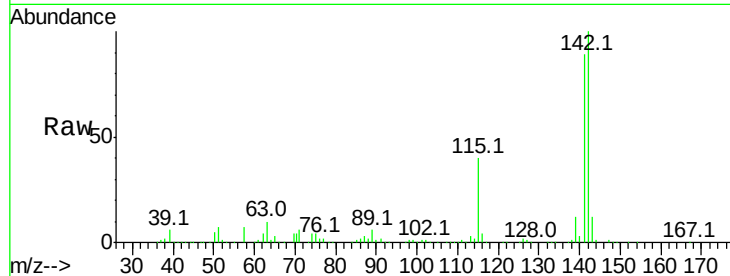
#37
2-Methylnaphthalene
Concen: 41.90 ng/mL
RT: 8.68 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90456BS

Tot Ion	Ratio	Resp Lower	Upper
142	100		
141	89.3	71.0	106.6
115	39.9	26.6	39.8

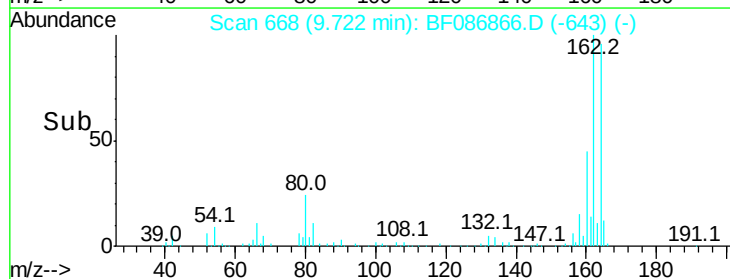
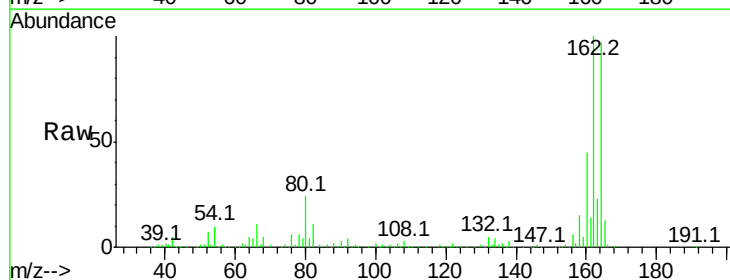
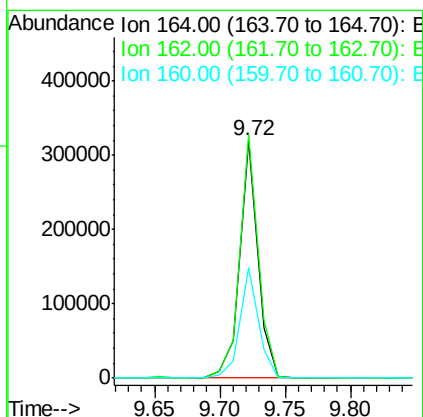
Manual Integrations
APPROVED

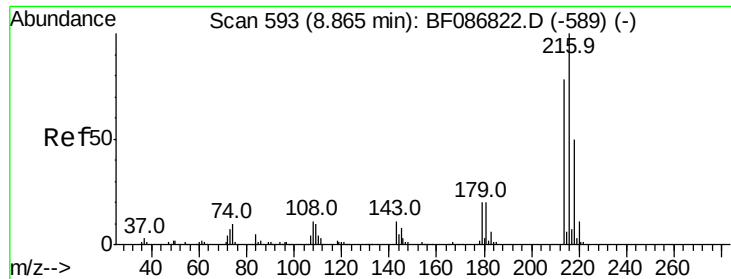
sohil
5/11/2016 8:17:27 PM



#38
Acenaphthene-d10
Concen: 20.00 ng/mL
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	102.6	82.8	124.2
160	46.6	36.9	55.3





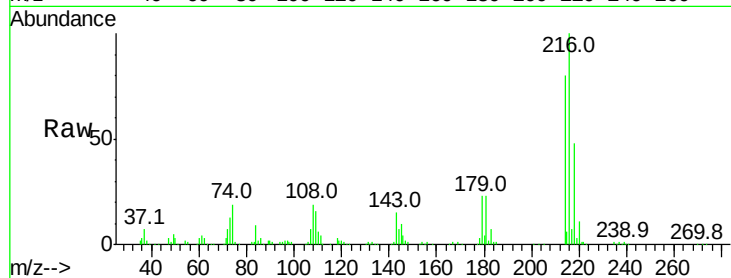
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.11 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BS

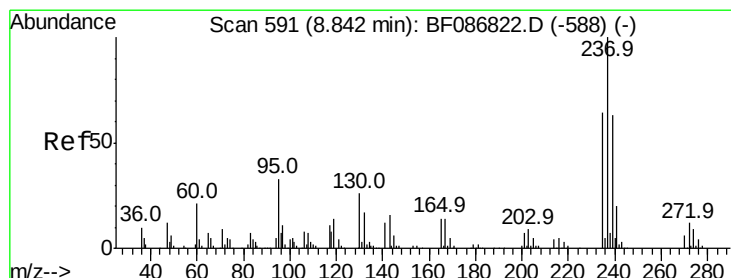
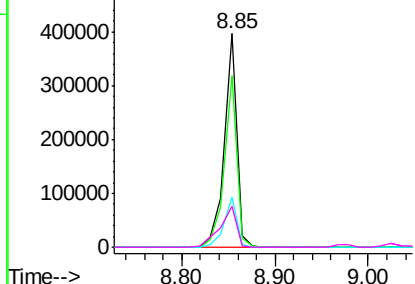
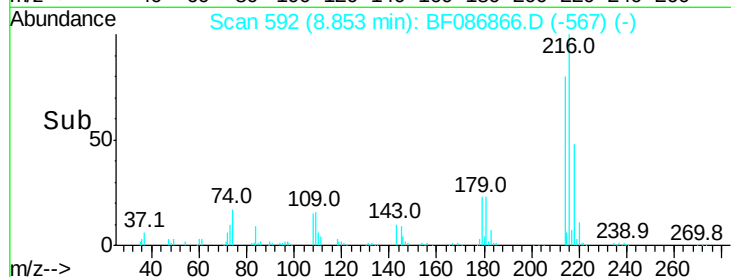
Tot Ion	Ratio	Resp	Lower	Upper
216	100	367359		
214	79.7	62.6	93.8	
179	23.6	18.2	27.4	
108	25.4	17.5	26.3	

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:17:27 PM

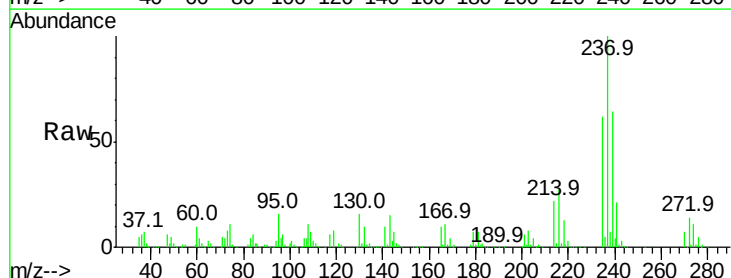


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

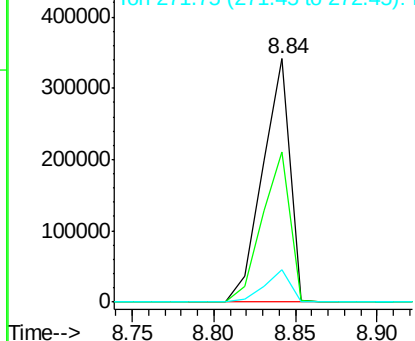
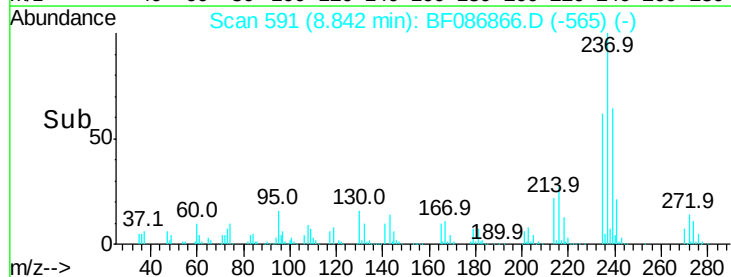


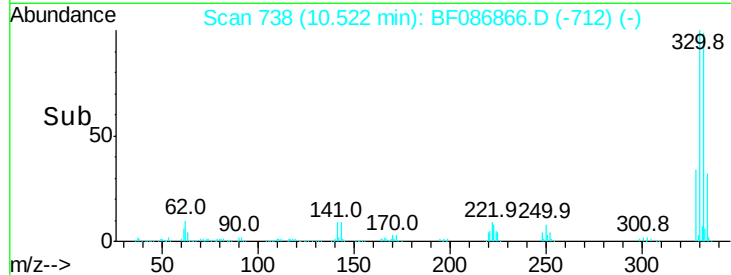
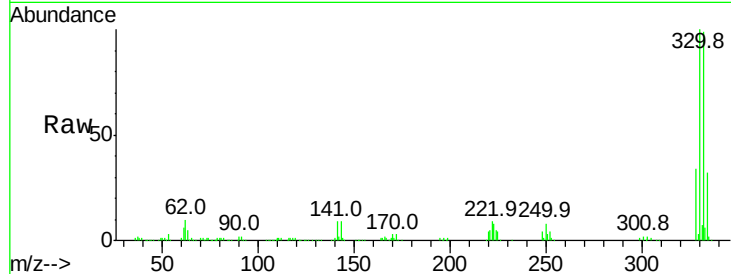
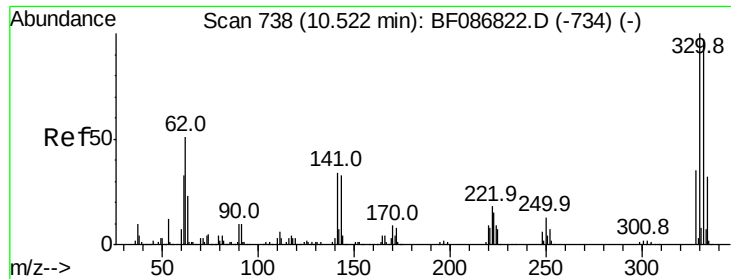
#40
 Hexachlorocyclopentadiene
 Concen: 93.74 ng
 RT: 8.84 min Scan# 591
 Delta R.T. -0.00 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	397587		
235	61.8	47.2	87.2	
272	13.6	0.0	31.1	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





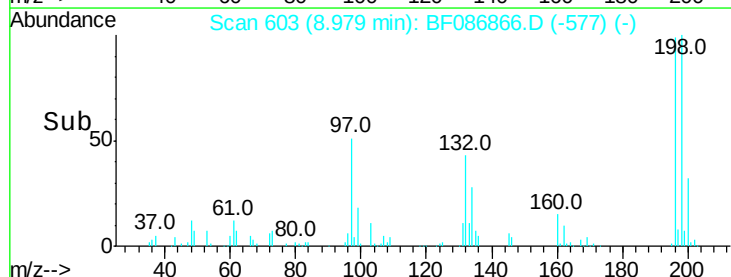
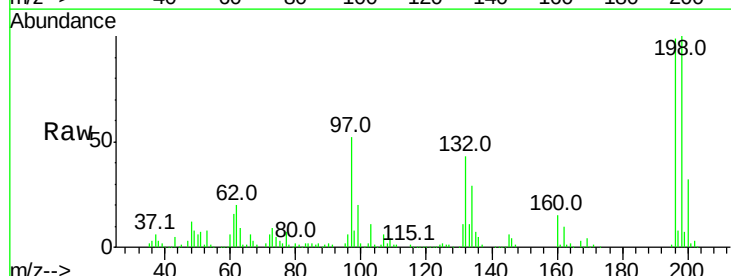
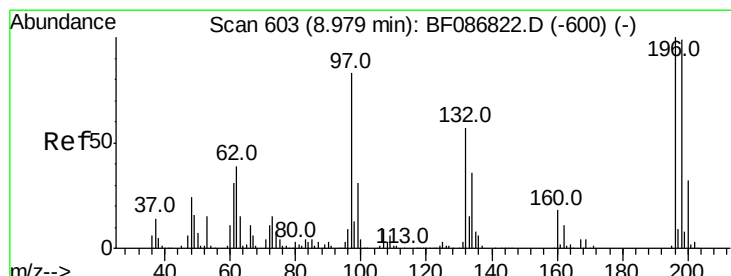
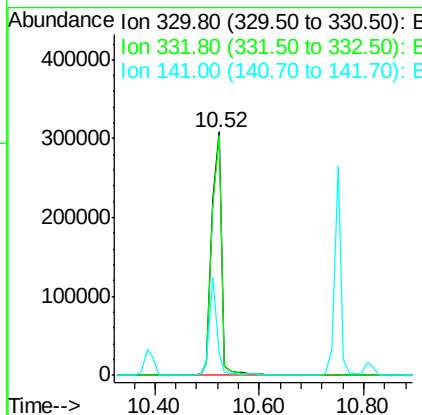
#41
 2,4,6-Tribromophenol
 Concen: 124.54 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	79.0	118.4	
141	30.7	31.2	46.8	

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BS

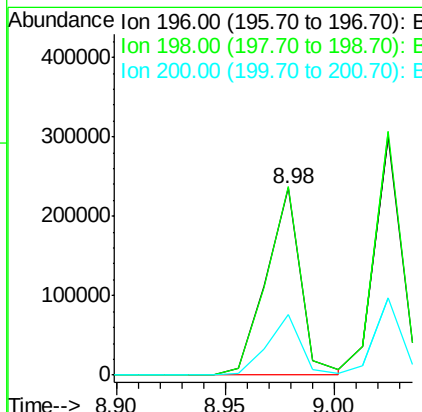
Manual Integrations
 APPROVED

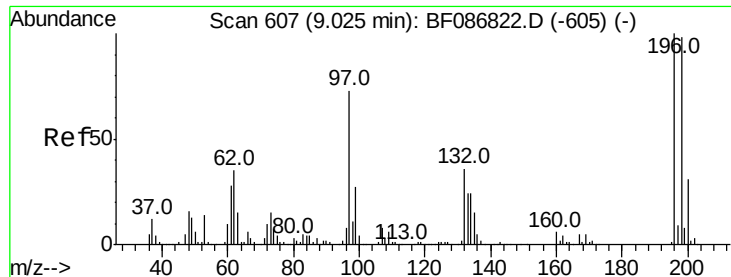
sohil
 5/11/2016 8:17:27 PM



#42
 2,4,6-Trichlorophenol
 Concen: 43.60 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.1	74.7	112.1	
200	32.8	23.8	35.6	





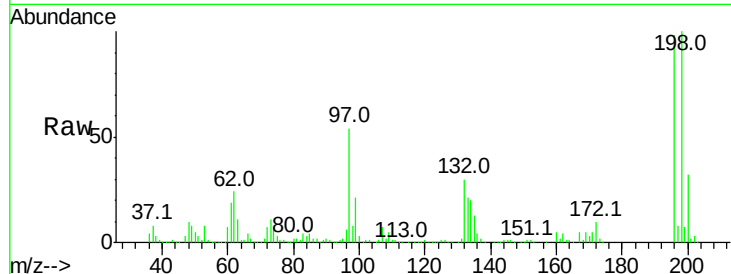
#43
 2,4,5-Trichlorophenol
 Concen: 44.45 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BS

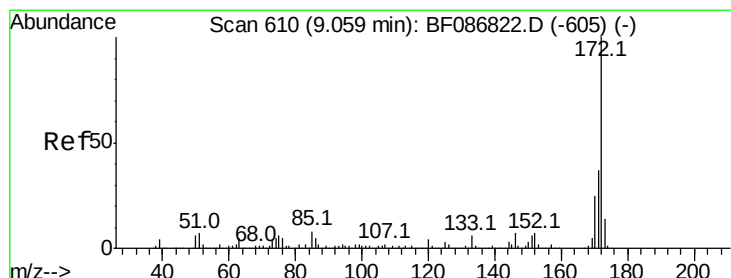
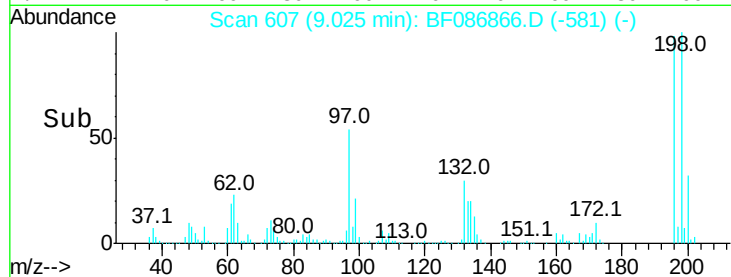
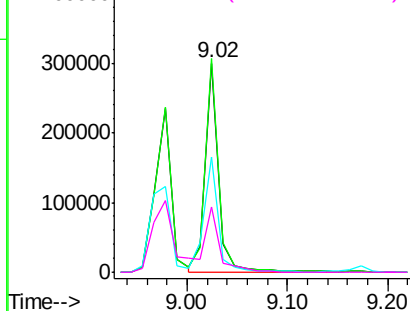
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		274709		
198	102.1	77.5	116.3		
97	55.2	34.8	52.2		
132	31.0	23.0	34.4		

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:17:27 PM



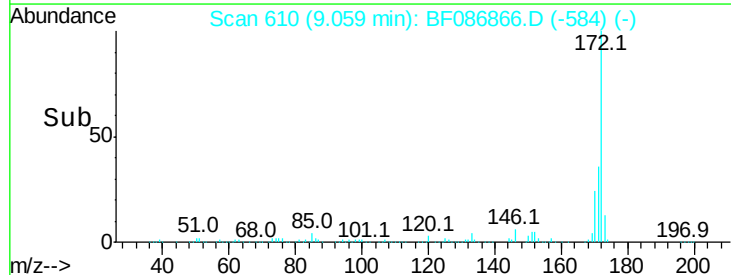
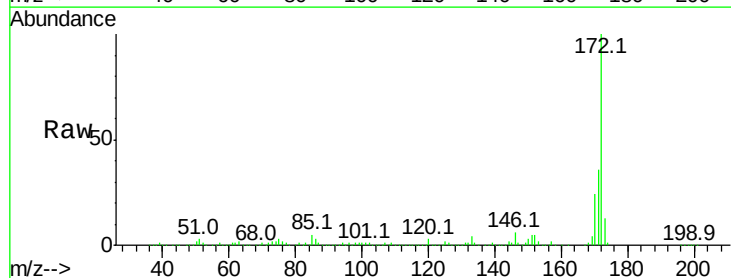
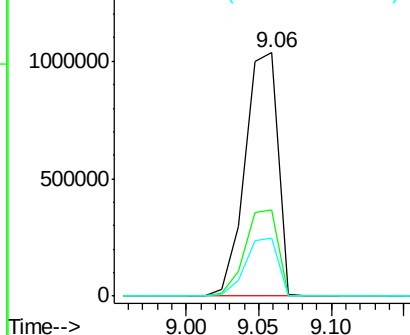
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

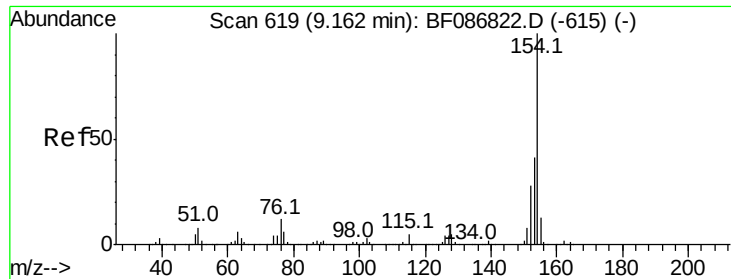


#44
 2-Fluorobiphenyl
 Concen: 89.08 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1629122		
171	35.6	29.0	43.6		
170	23.9	19.8	29.8		

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.70 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

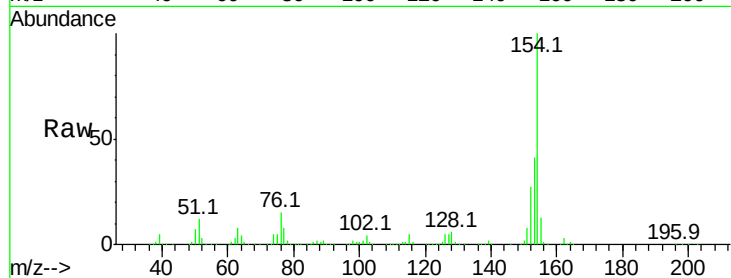
ClientSampleId :

PB90456BS

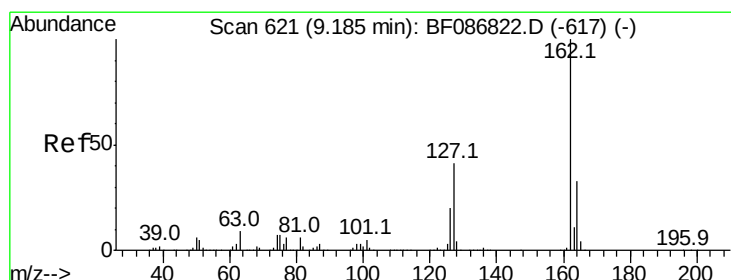
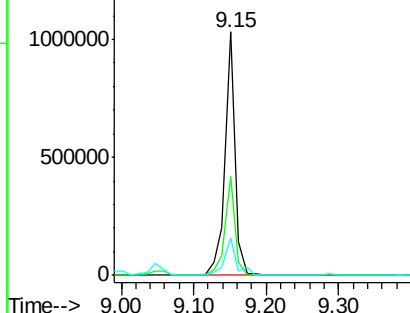
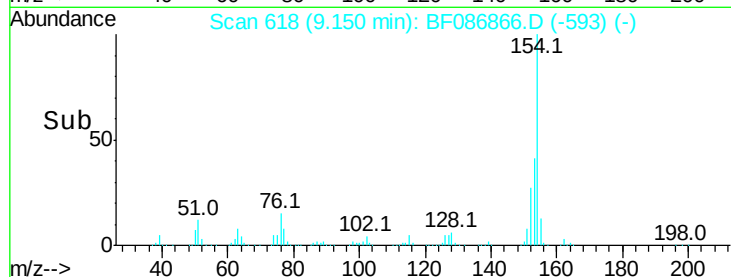
Tot Ion:	154	Resp:	995059
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.3	60.3
76	15.2	0.0	30.2

Manual Integrations
APPROVED

sohil
5/11/2016 8:17:27 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.05 ng

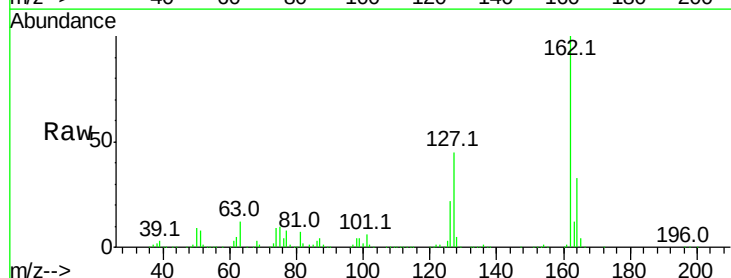
RT: 9.17 min Scan# 620

Delta R.T. -0.01 min

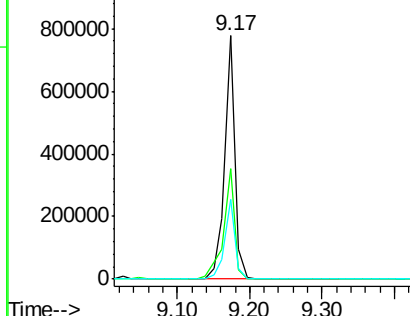
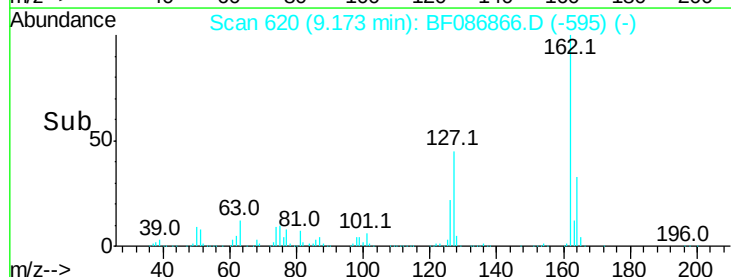
Lab File: BF086866.D

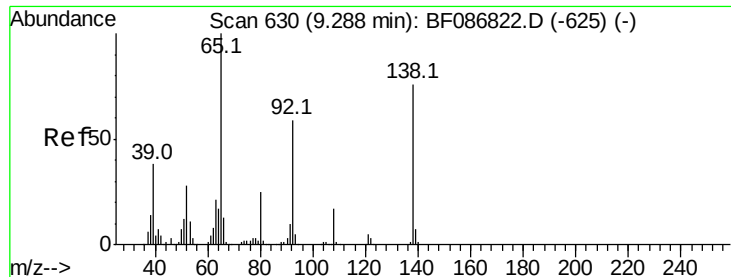
Acq: 10 May 2016 18:16

Tgt Ion:	162	Resp:	767016
Ion Ratio	Lower	Upper	
162	100		
127	45.3	31.8	47.6
164	32.8	27.0	40.6



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





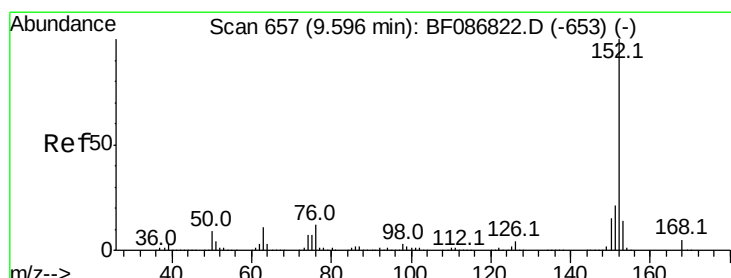
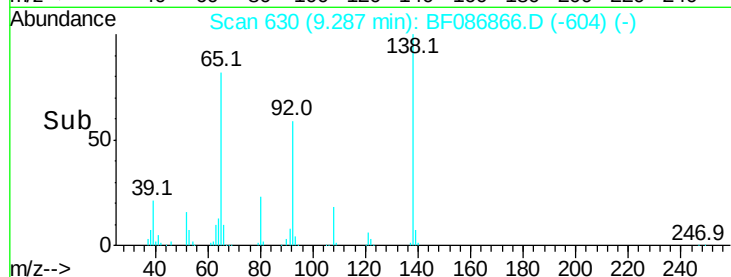
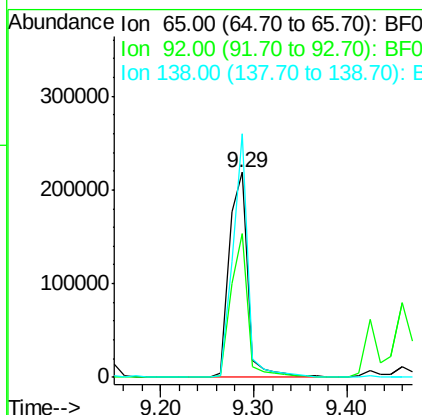
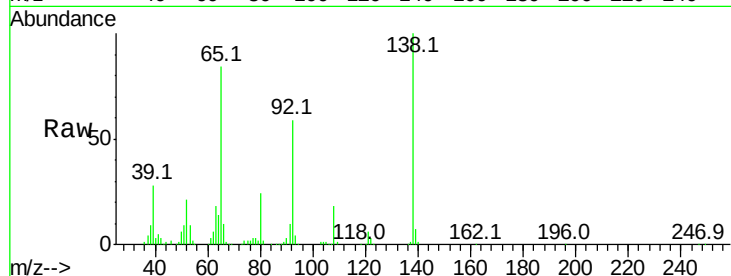
#47
2-Nitroaniline
Concen: 43.59 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90456BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.8	57.4	86.2
138	118.7	90.1	135.1

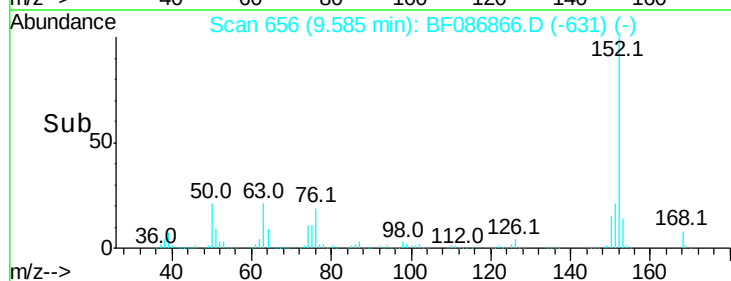
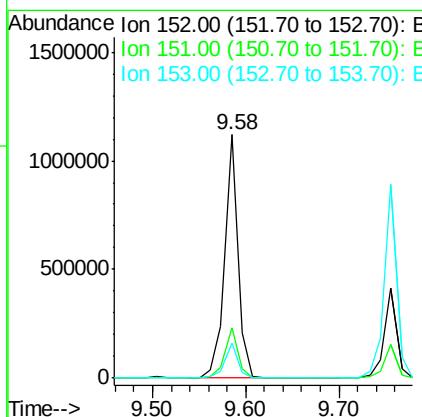
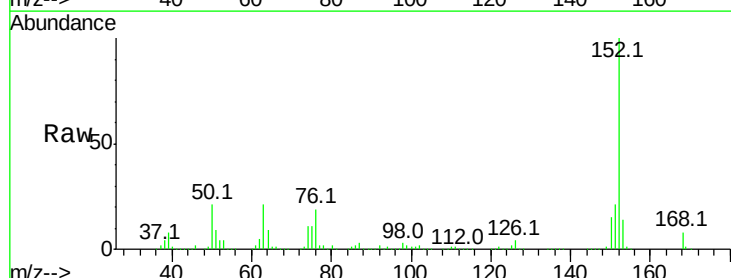
Manual Integrations
APPROVED

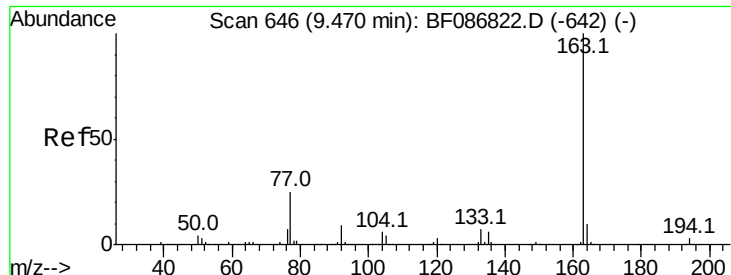
sohil
5/11/2016 8:17:27 PM



#48
Acenaphthylene
Concen: 39.47 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	14.2	10.9	16.3





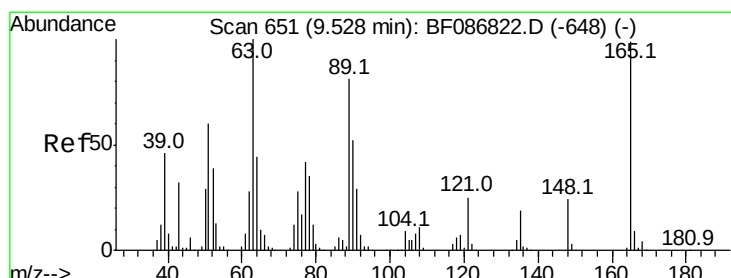
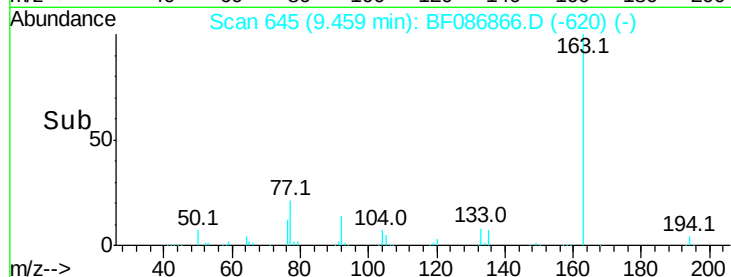
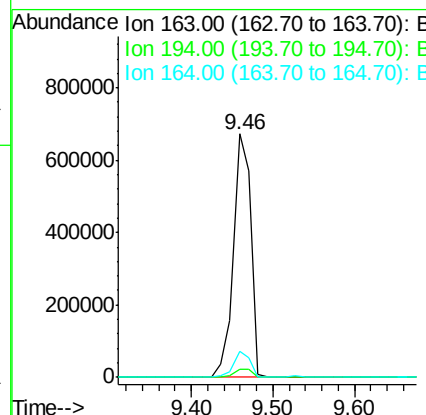
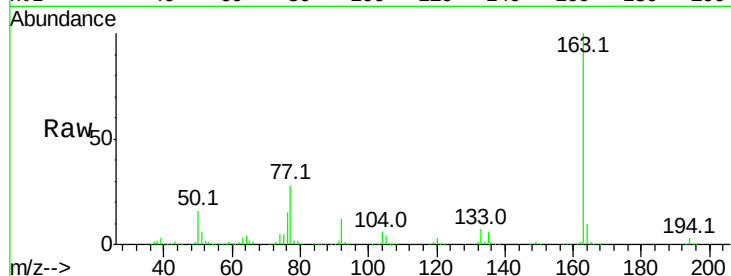
#49
Dimethylphthalate
Concen: 42.59 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90456BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.1	2.6	4.0	
164	10.5	8.2	12.4	

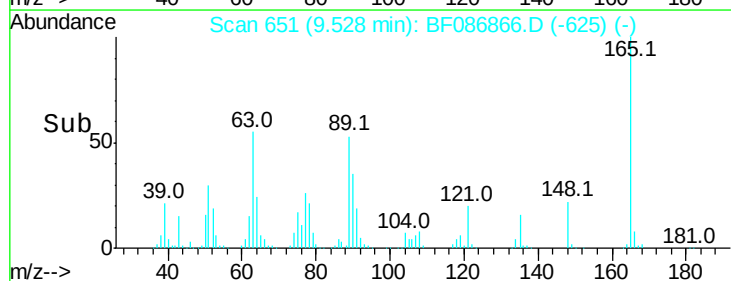
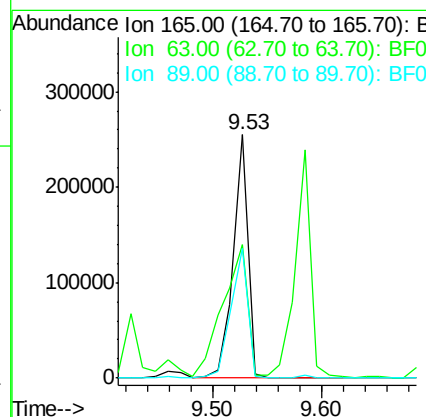
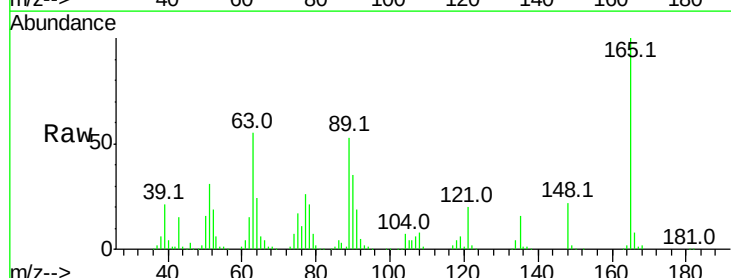
Manual Integrations
APPROVED

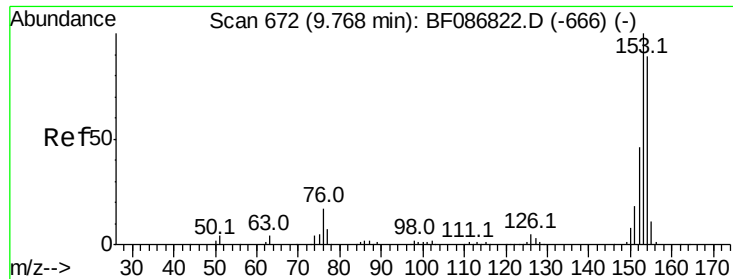
sohil
5/11/2016 8:17:27 PM



#50
2,6-Dinitrotoluene
Concen: 48.37 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	54.9	51.8	77.8	
89	53.1	50.7	76.1	





#51

Acenaphthene

Concen: 41.83 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

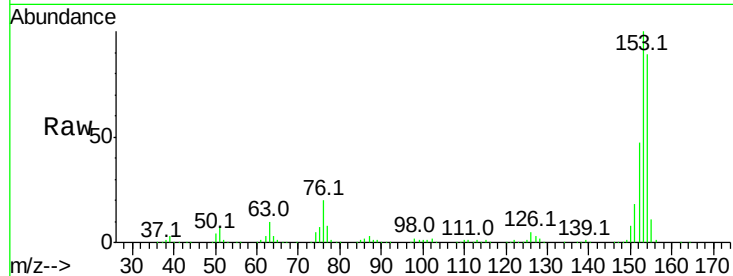
ClientSampleId :

PB90456BS

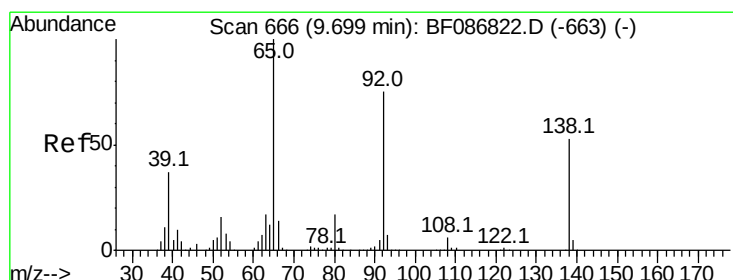
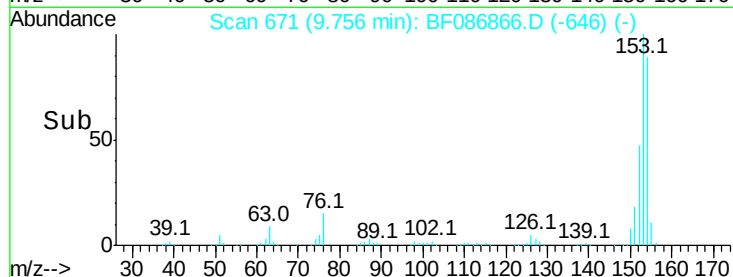
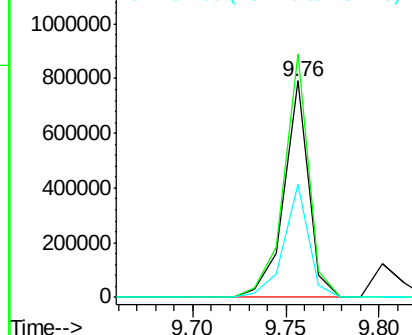
Tot Ion:	154	Resp:	733139
Ion Ratio	Lower	Upper	
154	100		
153	112.7	89.8	134.6
152	52.4	43.4	65.0

Manual Integrations
APPROVED

sohil
5/11/2016 8:17:27 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.92 ng

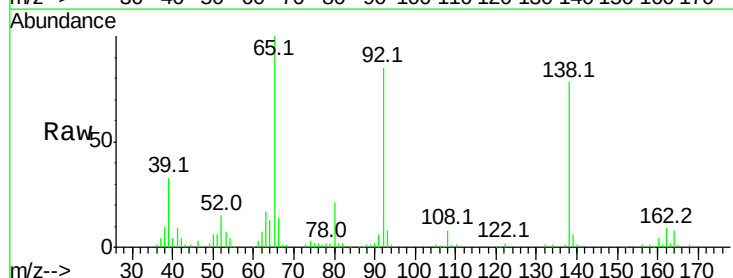
RT: 9.70 min Scan# 666

Delta R.T. -0.00 min

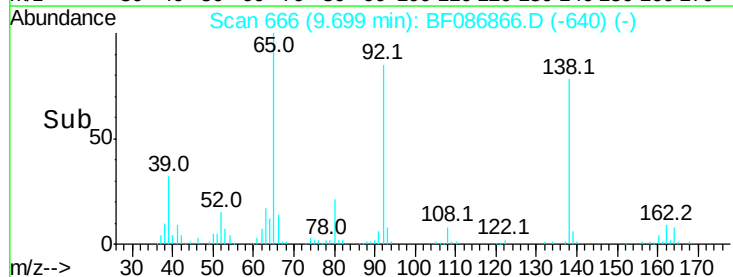
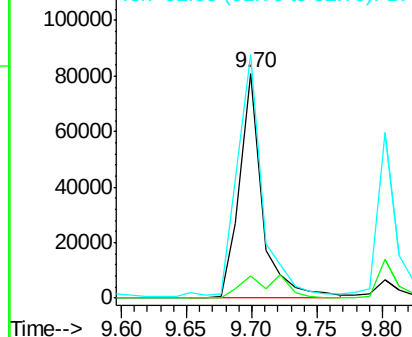
Lab File: BF086866.D

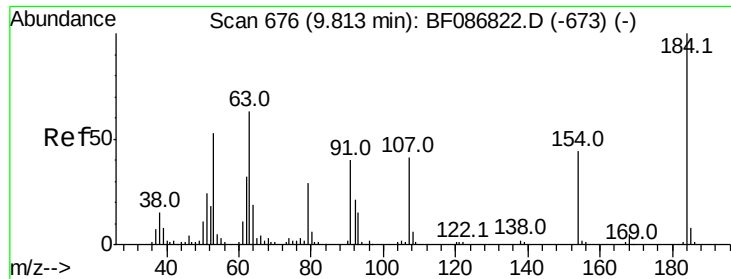
Acq: 10 May 2016 18:16

Tgt Ion:	138	Resp:	98313
Ion Ratio	Lower	Upper	
138	100		
108	9.9	7.8	11.6
92	108.3	87.8	131.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





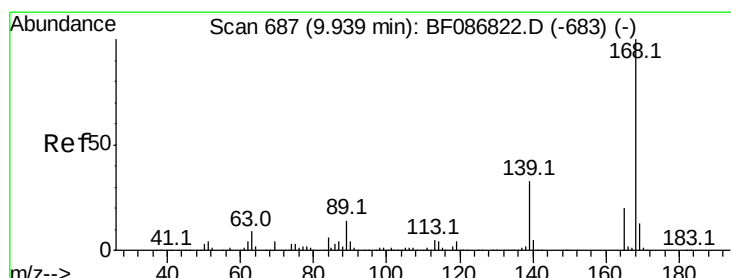
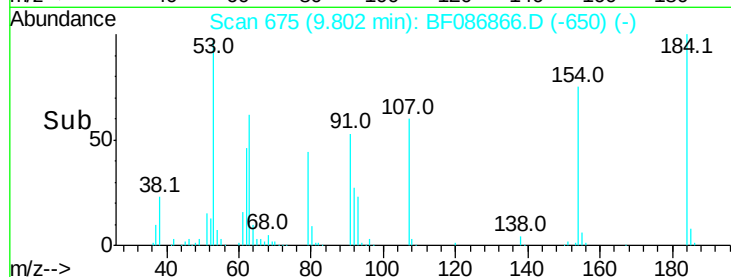
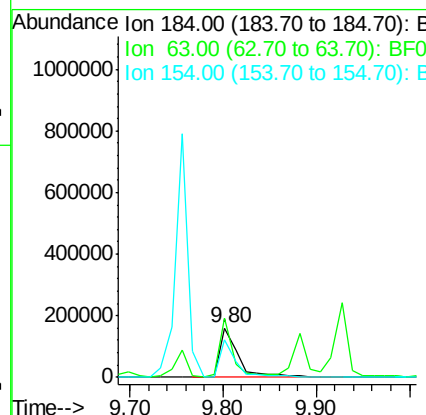
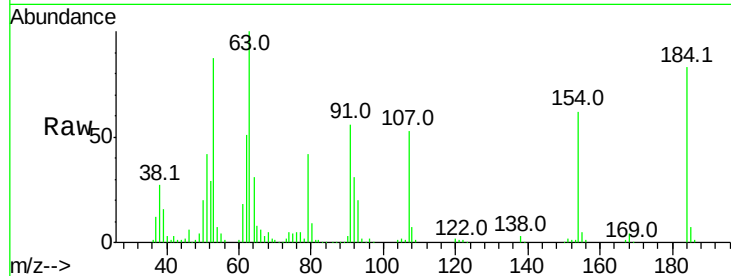
#53
 2,4-Dinitrophenol
 Concen: 85.47 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	217007		
63	120.9	55.8	83.8#	
154	75.4	62.4	93.6	

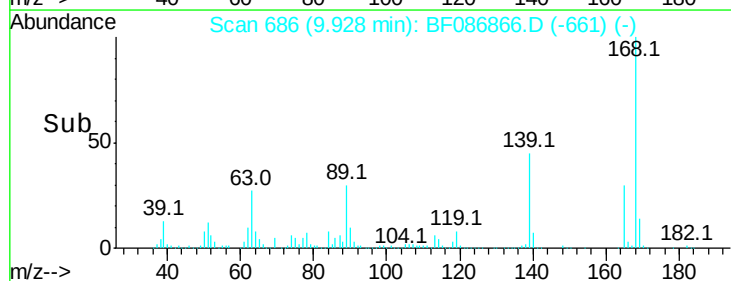
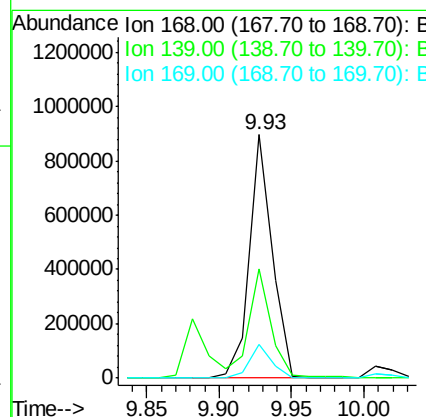
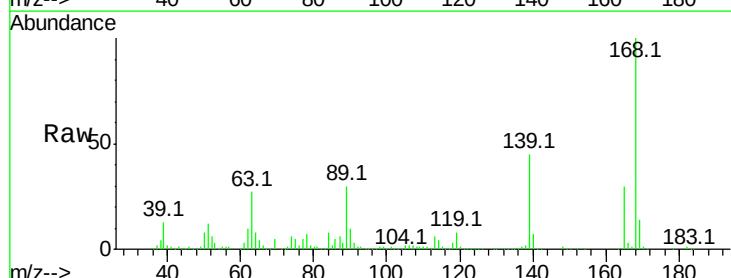
Manual Integrations
 APPROVED

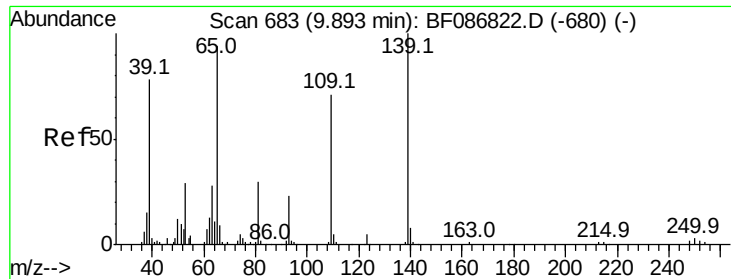
sohil
 5/11/2016 8:17:27 PM



#54
 Dibenzofuran
 Concen: 43.69 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	982941		
139	44.9	31.4	47.0	
169	13.9	10.7	16.1	





#55

4-Nitrophenol

Concen: 69.44 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampled :

PB90456BS

Tot Ion:139 Resp: 238347
Ion Ratio Lower Upper

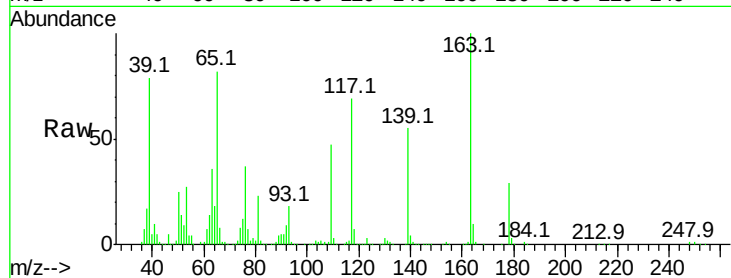
139 100

109 85.1 36.9 76.9#

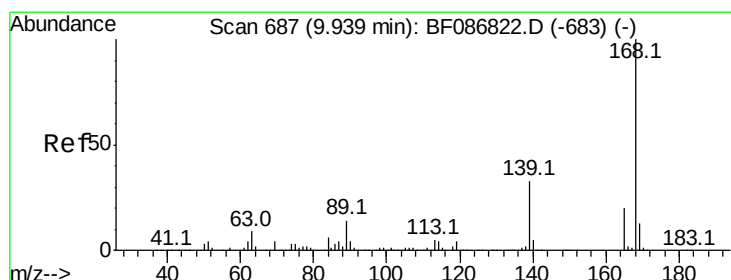
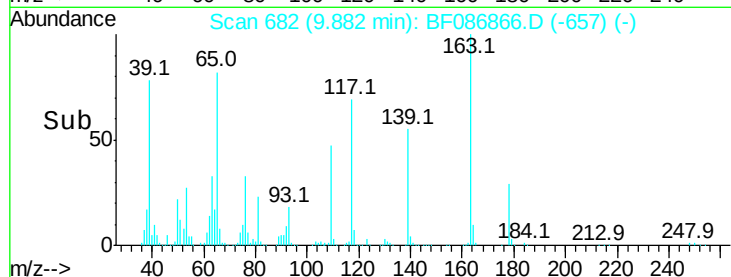
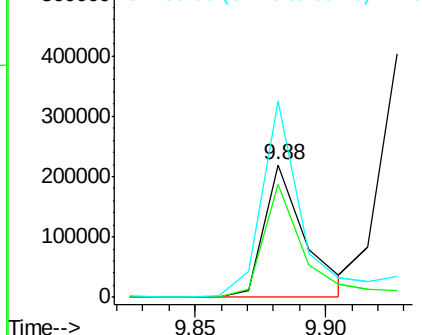
65 148.2 64.0 104.0#

Manual Integrations
APPROVED

sohil
5/11/2016 8:17:27 PM



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 40.61 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Tgt Ion:165 Resp: 248007
Ion Ratio Lower Upper

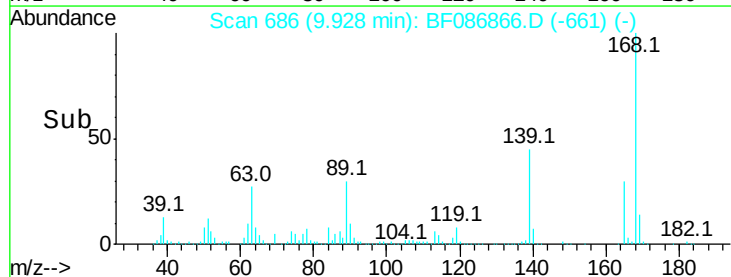
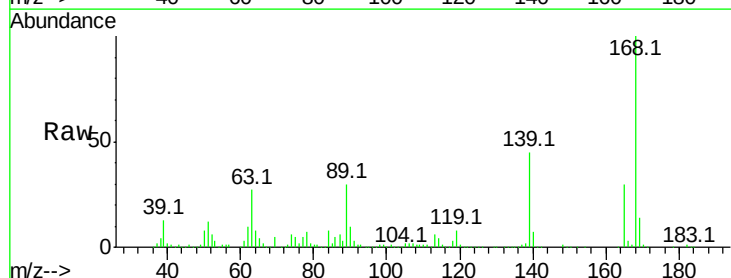
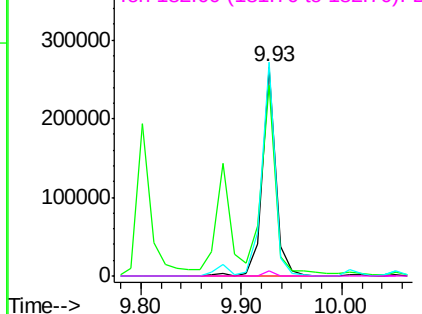
165 100

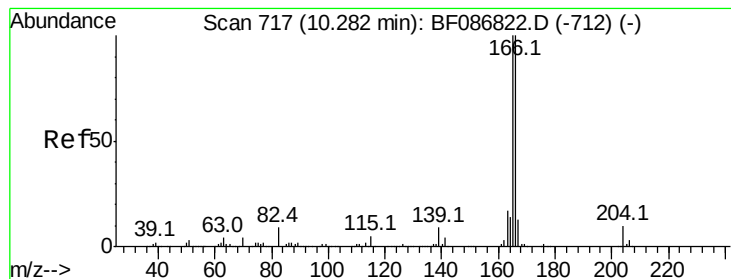
63 91.6 44.3 66.5#

89 102.3 70.0 105.0

182 2.2 1.8 2.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.79 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

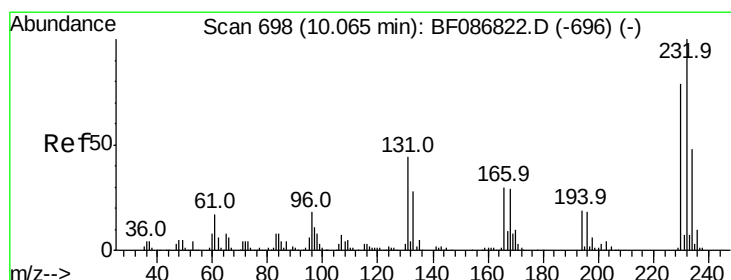
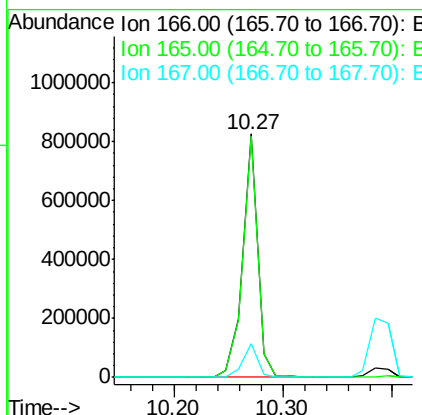
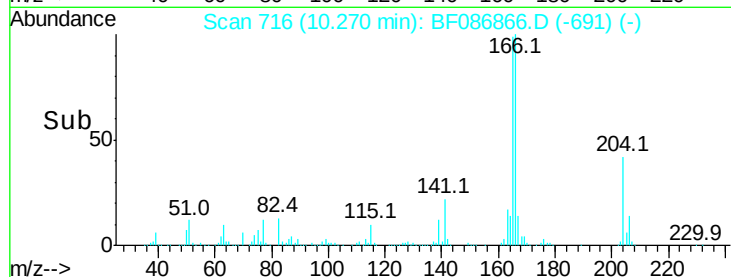
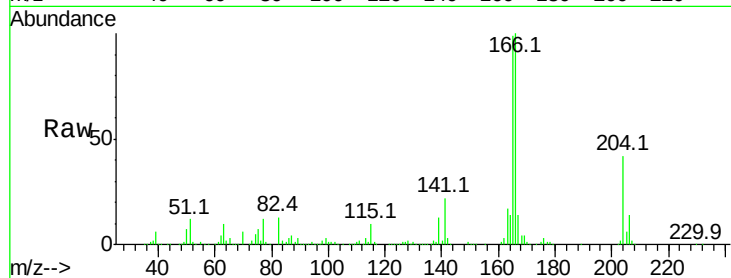
ClientSampled :

PB90456BS

Manual Integrations
APPROVED

sohil
5/11/2016 8:17:27 PM

Tot Ion	166	Resp	782495
Ion Ratio	Lower	Upper	
166	100		
165	98.9	79.0	118.6
167	13.7	10.6	15.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.55 ng

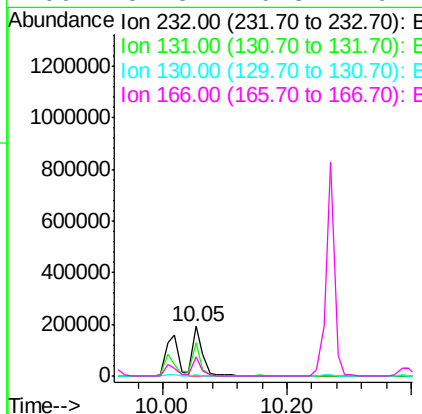
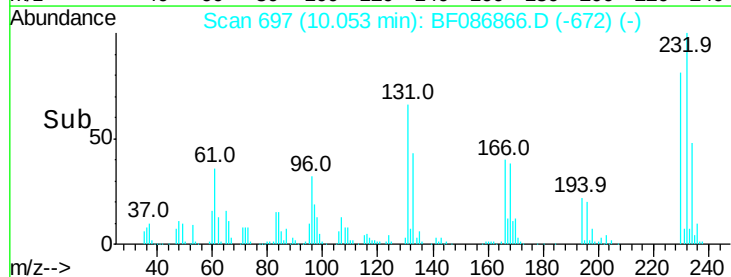
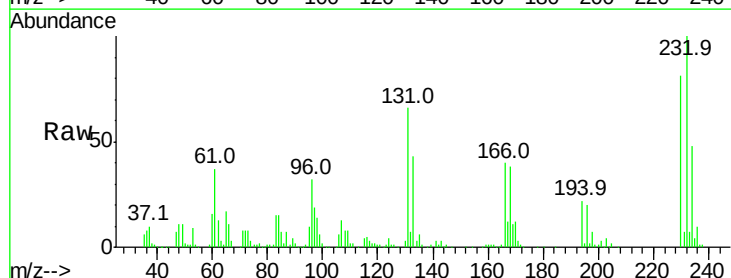
RT: 10.05 min Scan# 697

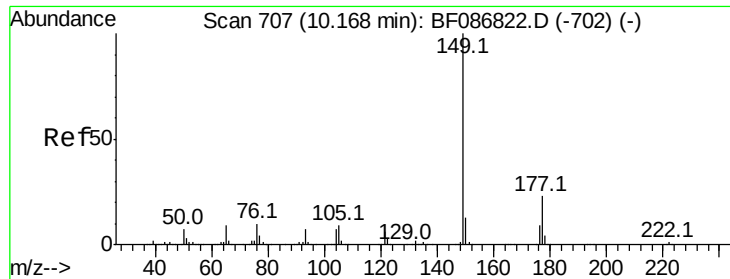
Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Tgt Ion	232	Resp	211897
Ion Ratio	Lower	Upper	
232	100		
131	56.8	41.9	62.9
130	2.9	2.2	3.4
166	34.3	26.8	40.2





#59

Diethylphthalate

Concen: 38.83 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

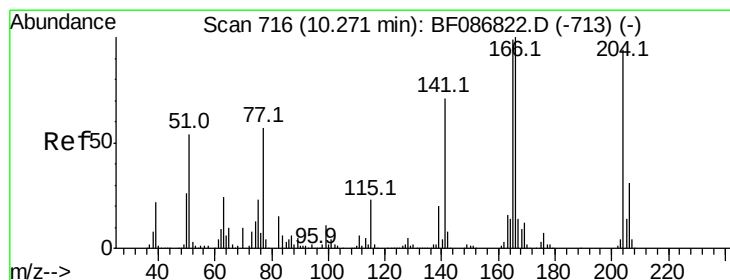
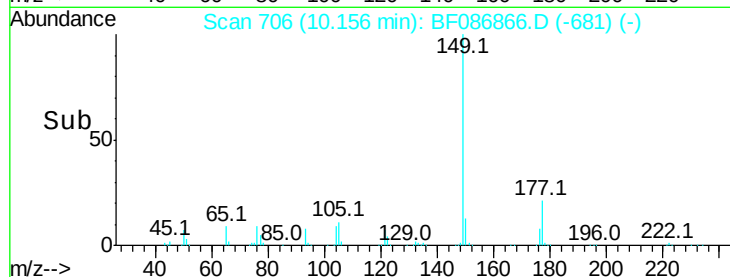
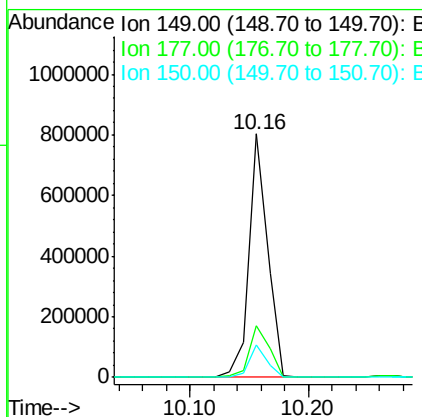
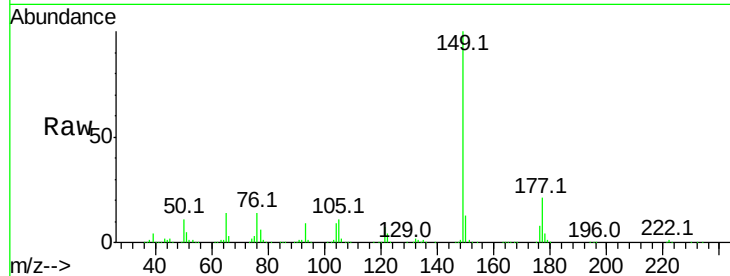
ClientSampled :

PB90456BS

Tot Ion:	149	Resp:	887259
Ion Ratio	Lower	Upper	
149	100		
177	21.0	16.6	24.8
150	13.1	10.0	15.0

Manual Integrations
APPROVED

sohil
5/11/2016 8:17:27 PM



#60

4-Chlorophenyl-phenylether

Concen: 47.90 ng

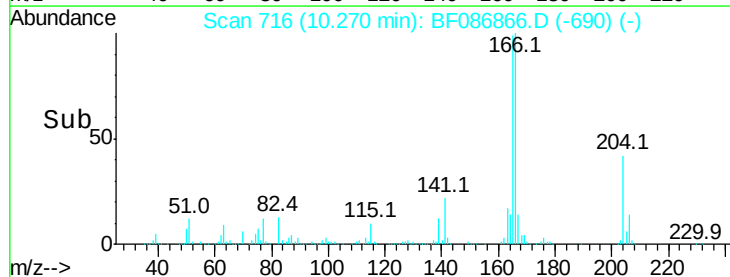
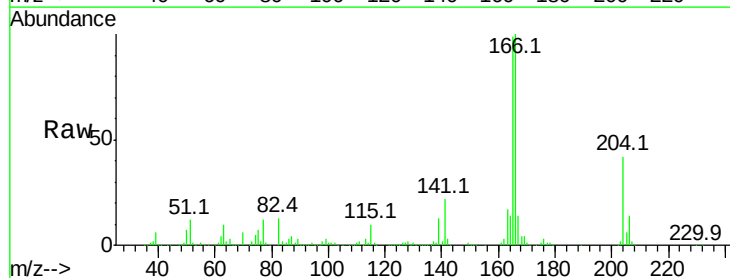
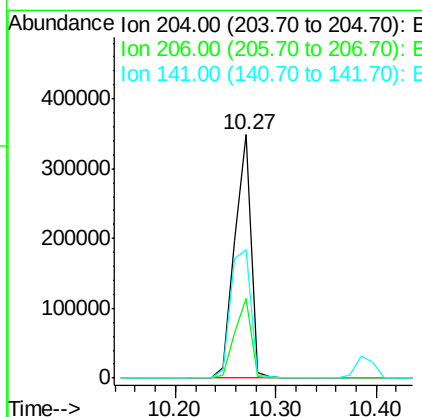
RT: 10.27 min Scan# 716

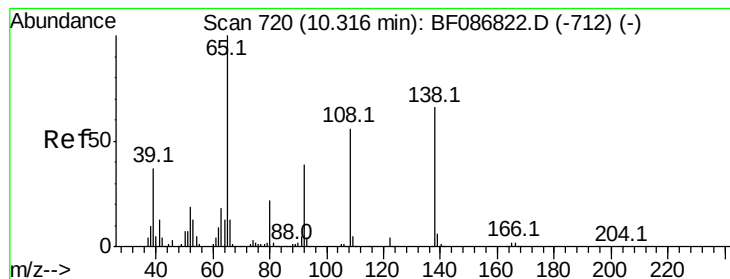
Delta R.T. 0.00 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Tgt Ion:	204	Resp:	393448
Ion Ratio	Lower	Upper	
204	100		
206	32.8	25.4	38.0
141	52.8	61.6	92.4#





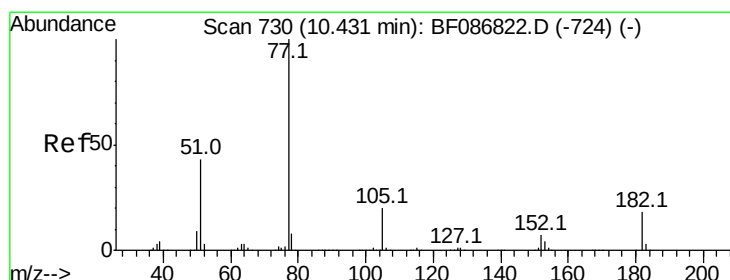
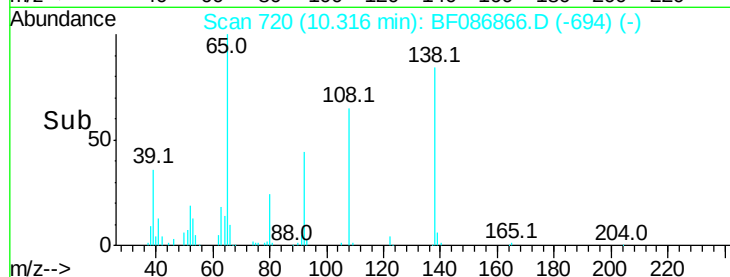
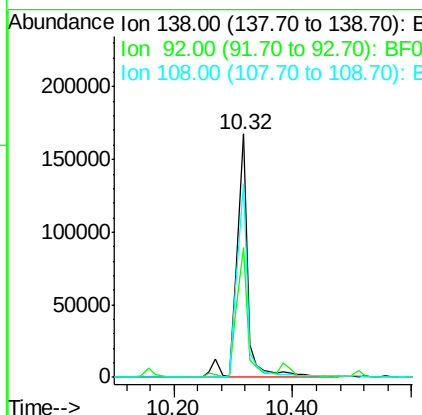
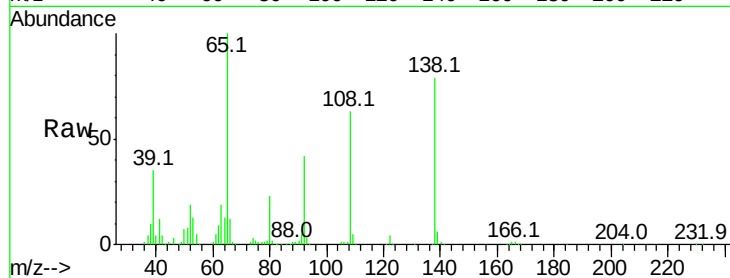
#61
4-Nitroaniline
Concen: 43.23 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90456BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.3	24.7	64.7
108	79.8	37.4	77.4

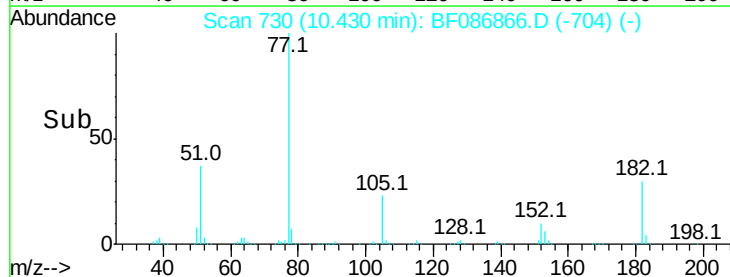
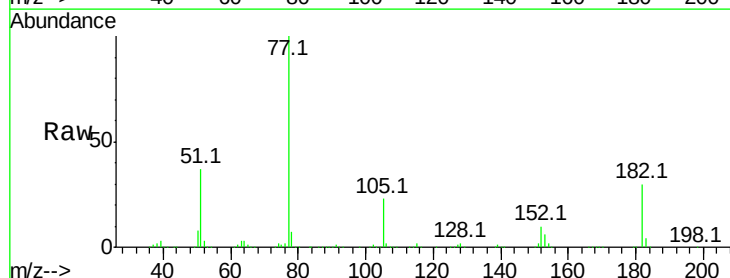
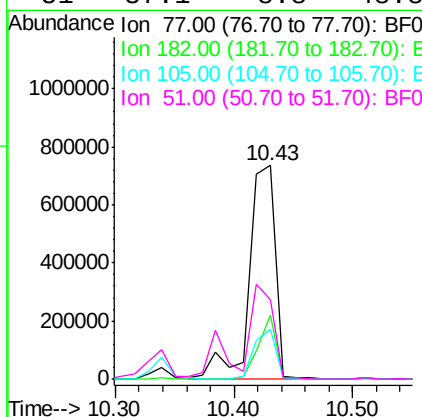
Manual Integrations
APPROVED

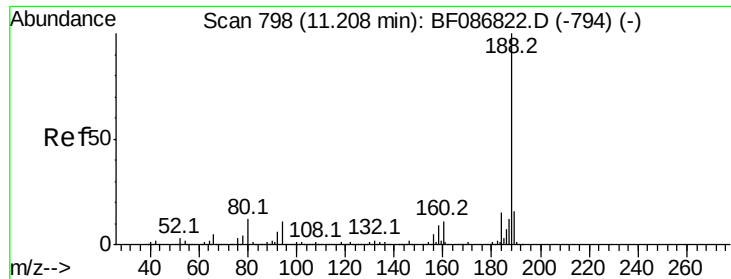
sohil
5/11/2016 8:17:27 PM



#62
Azobenzene
Concen: 45.92 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.8	0.0	38.8
105	23.4	3.2	43.2
51	37.1	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

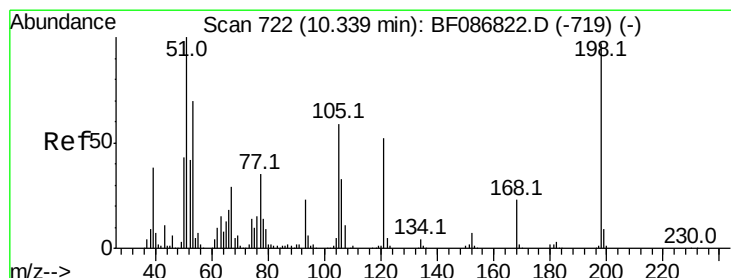
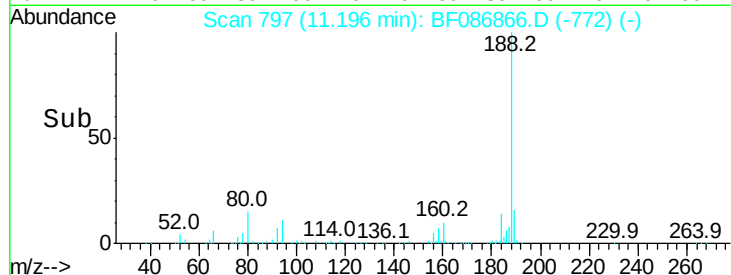
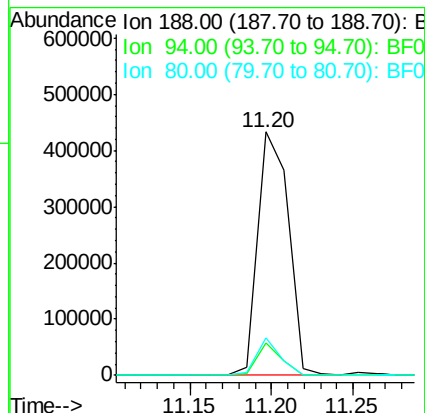
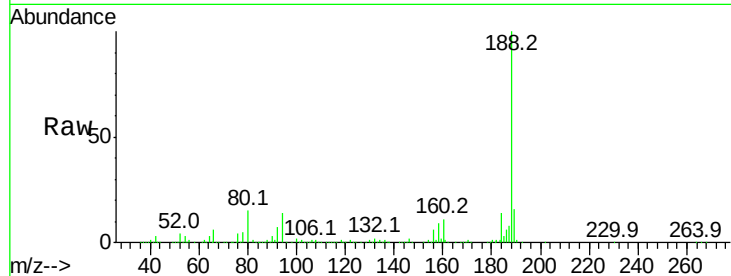
ClientSampled :

PB90456BS

Tot Ion:188	Resp:	568007
Ion Ratio	Lower	Upper
188 100		
94 13.5	6.8	10.2#
80 15.3	7.1	10.7#

Manual Integrations
APPROVED

sohil
5/11/2016 8:17:27 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 46.11 ng

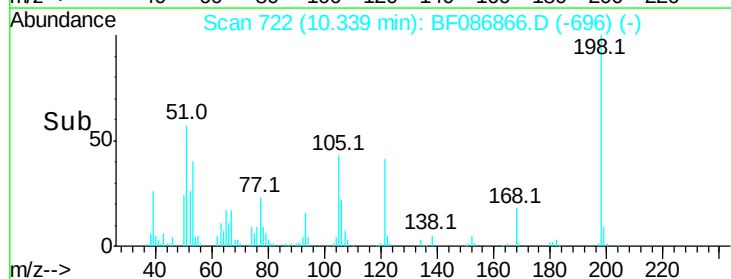
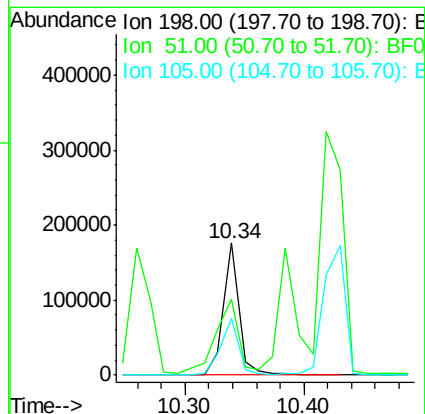
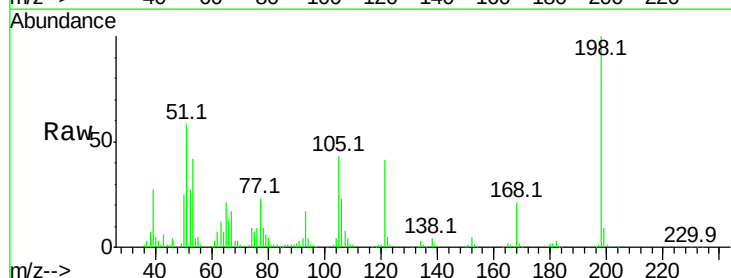
RT: 10.34 min Scan# 722

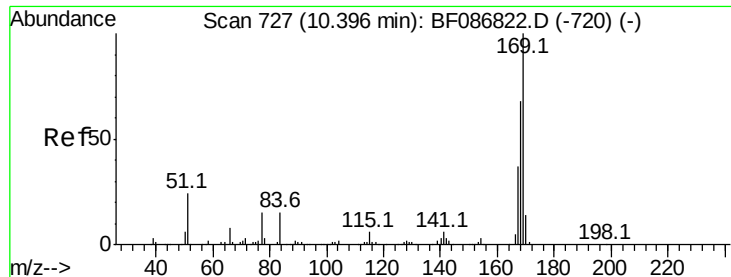
Delta R.T. -0.00 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Tgt Ion:198	Resp:	162707
Ion Ratio	Lower	Upper
198 100		
51 57.6	20.5	60.5
105 43.2	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 43.68 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90456BS

Tot Ion:169 Resp: 762240

Ion Ratio Lower Upper

169 100

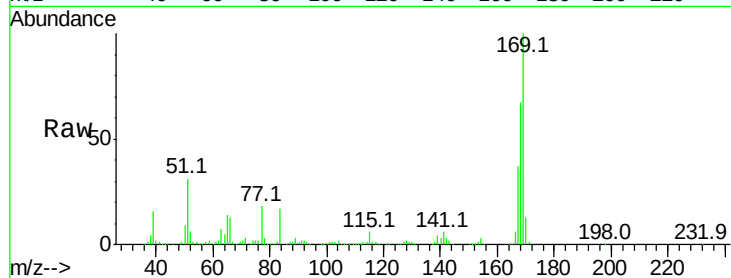
168 67.5 53.8 80.6

167 37.3 29.5 44.3

Manual Integrations
APPROVED

sohil

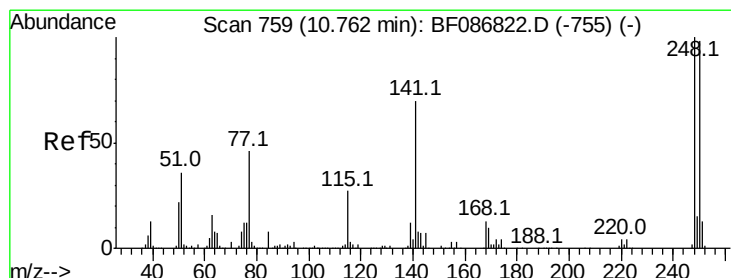
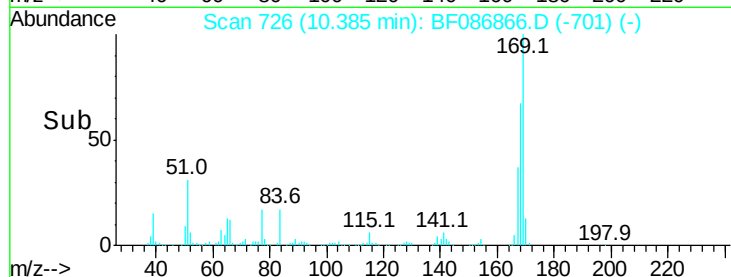
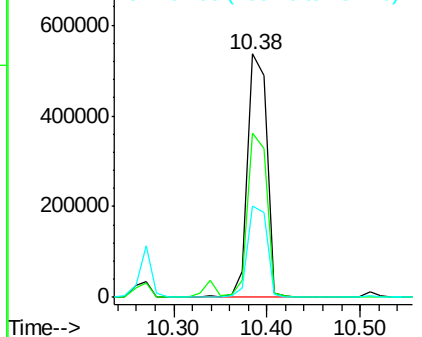
5/11/2016 8:17:27 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.76 ng

RT: 10.75 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

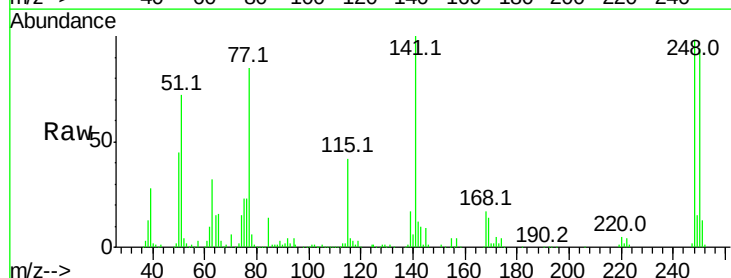
Tgt Ion:248 Resp: 234754

Ion Ratio Lower Upper

248 100

250 95.9 78.6 117.8

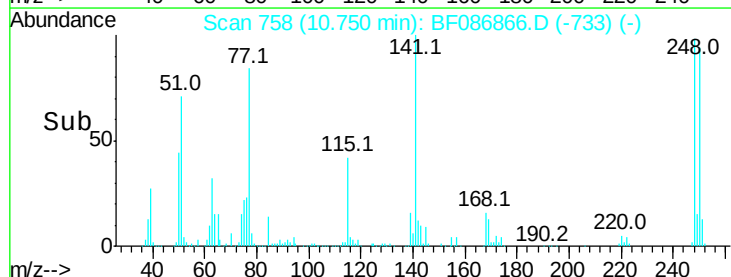
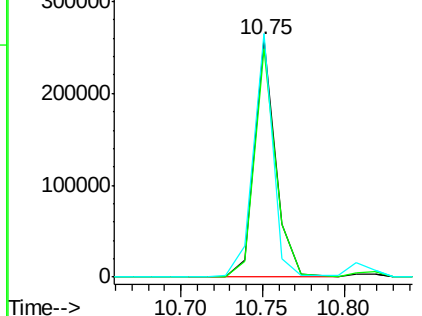
141 102.1 76.0 114.0

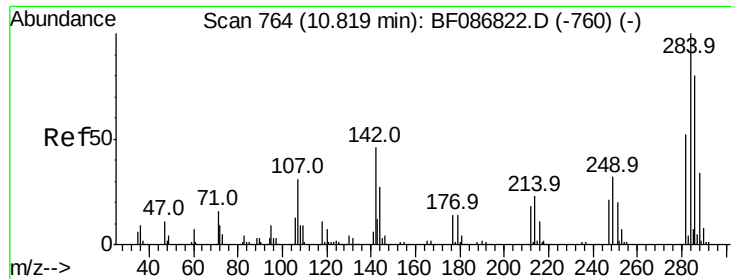


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





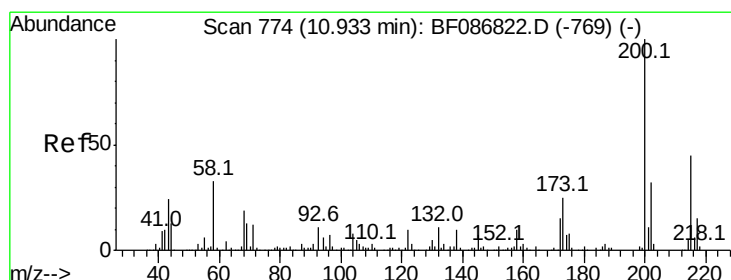
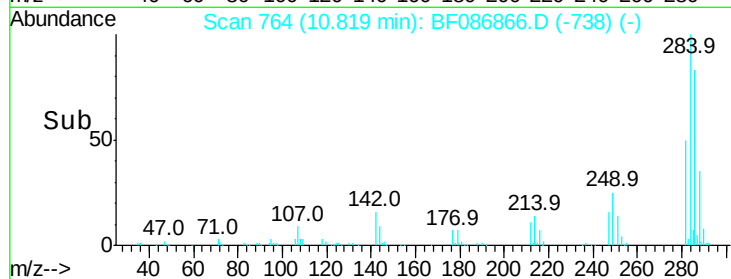
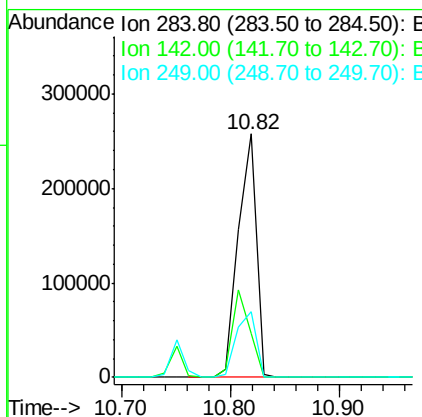
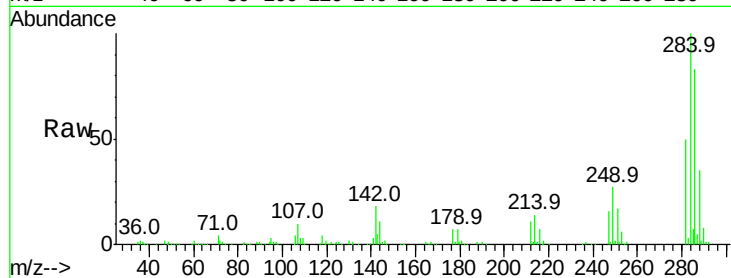
#67
Hexachlorobenzene
Concen: 43.60 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90456BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	293428		
142	18.1	16.7	25.1	
249	27.0	21.3	31.9	

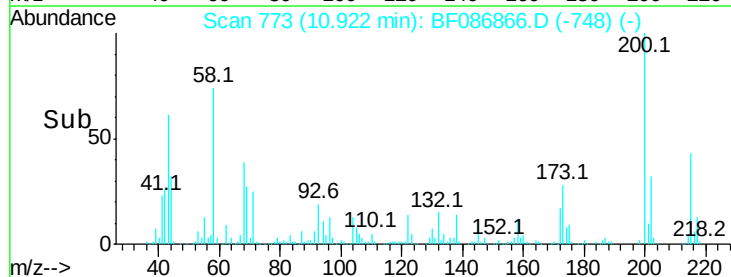
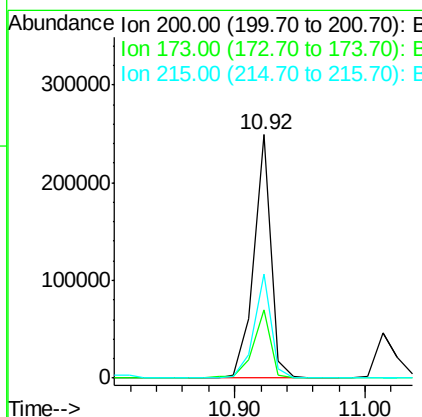
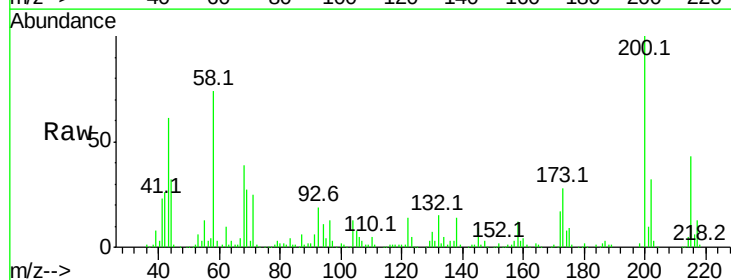
Manual Integrations
APPROVED

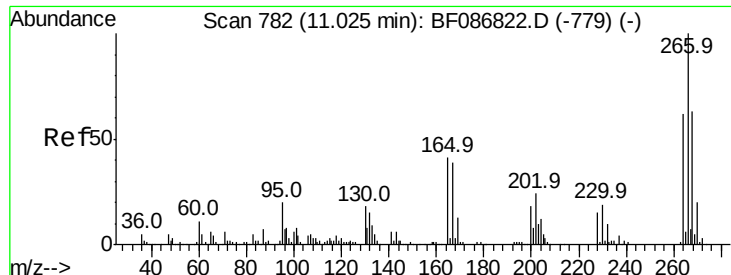
sohil
5/11/2016 8:17:27 PM



#68
Atrazine
Concen: 39.10 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	227919		
173	28.0	8.5	48.5	
215	42.8	27.2	67.2	





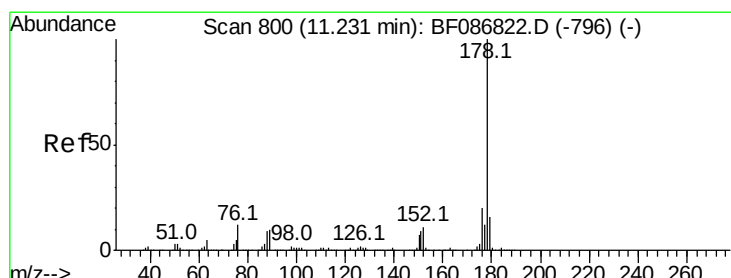
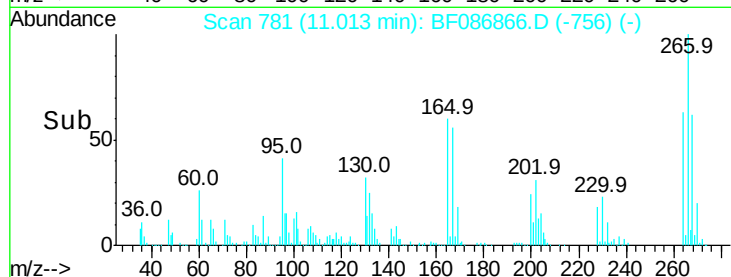
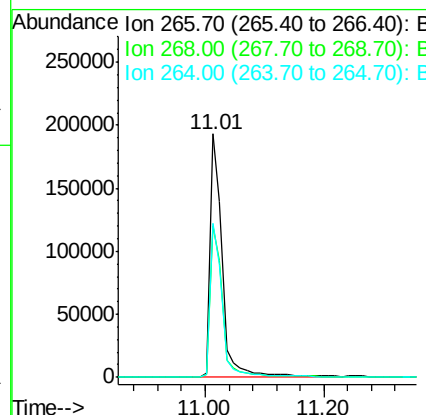
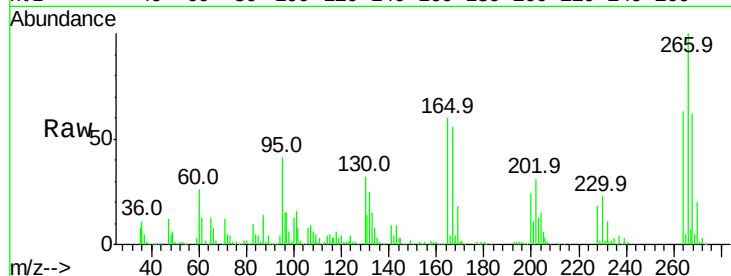
#69
 Pentachlorophenol
 Concen: 90.19 ng
 RT: 11.01 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Instrument :
 BNA_F
 ClientSampled :
 PB90456BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	280548		
268	62.1		51.5	77.3
264	63.2		52.9	79.3

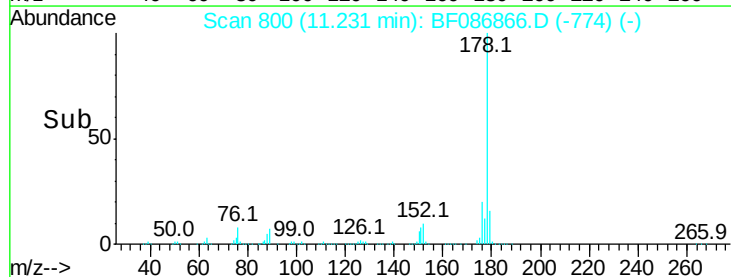
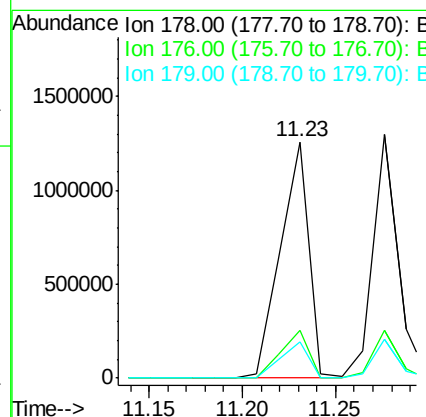
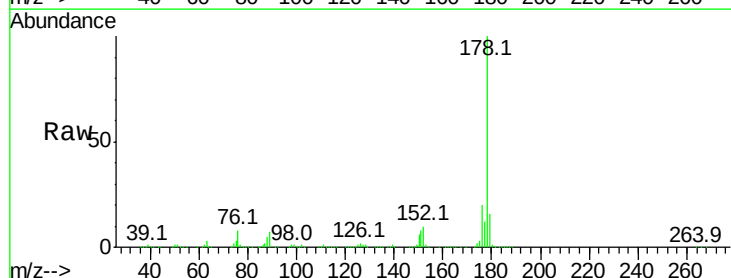
Manual Integrations
 APPROVED

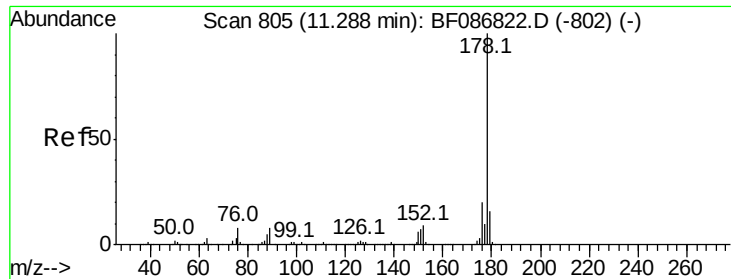
sohil
 5/11/2016 8:17:27 PM



#70
 Phenanthrene
 Concen: 44.10 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1336877		
176	20.2		16.0	24.0
179	15.6		12.6	18.8





#71
 Anthracene
 Concen: 38.95 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

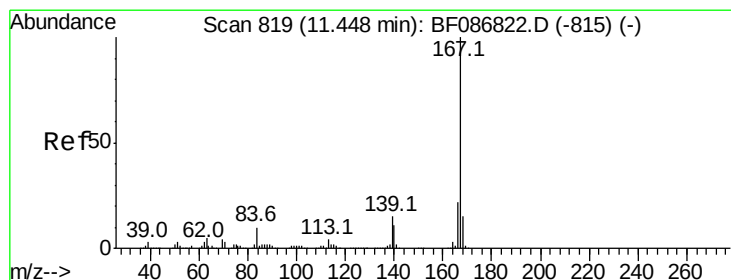
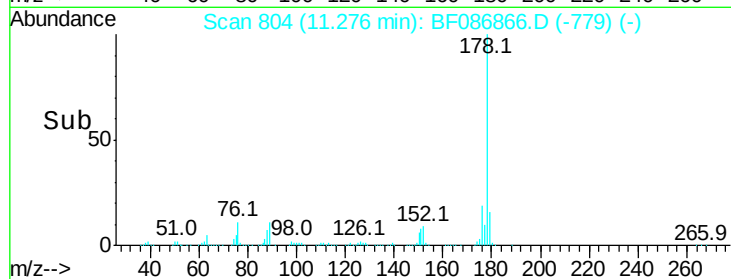
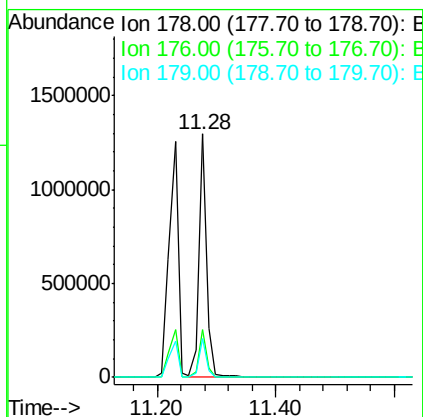
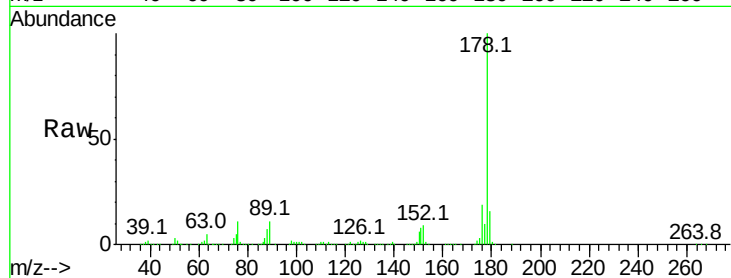
Instrument :
 BNA_F
 ClientSampleId :
 PB90456BS

Tot Ion:178 Resp: 1207527

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	16.0	12.7	19.1

Manual Integrations
 APPROVED

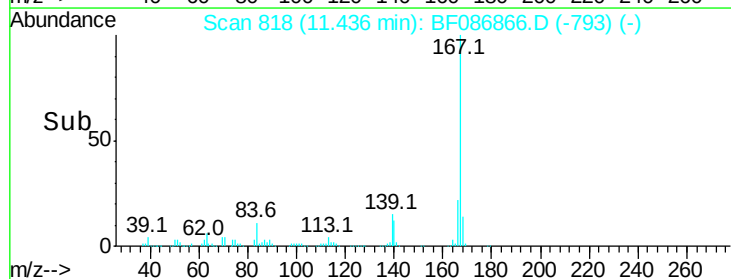
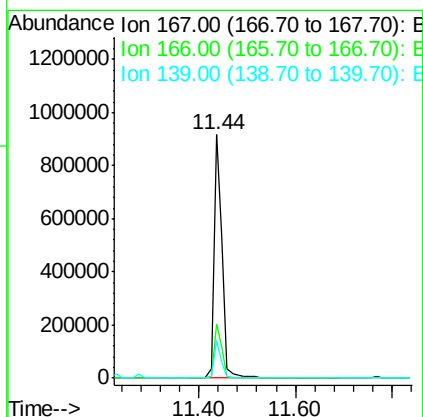
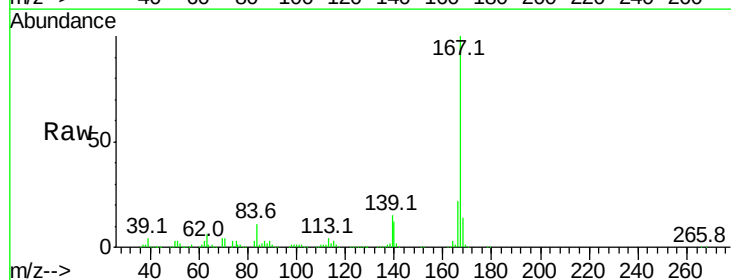
sohil
 5/11/2016 8:17:27 PM

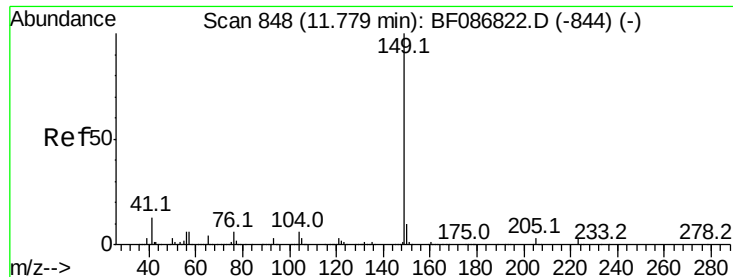


#72
 Carbazole
 Concen: 40.99 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Tgt Ion:167 Resp: 1092471

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	15.2	10.8	16.2





#73

Di-n-butylphthalate

Concen: 41.84 ng

RT: 11.77 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

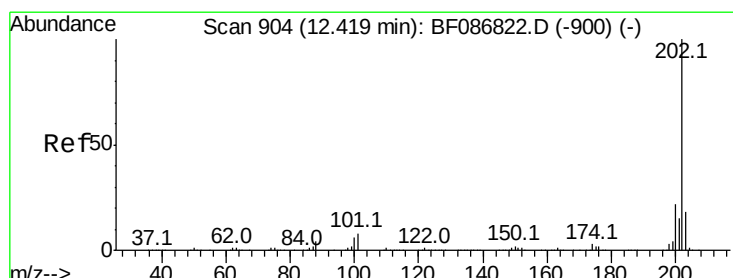
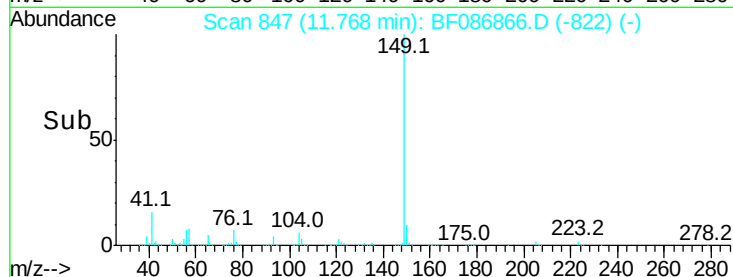
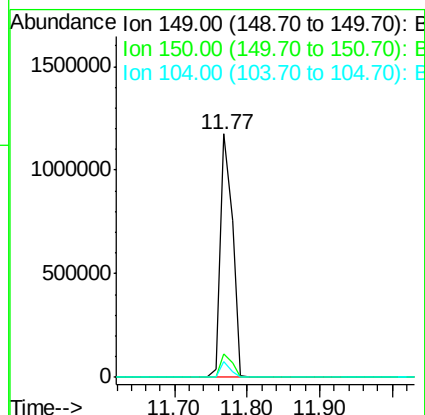
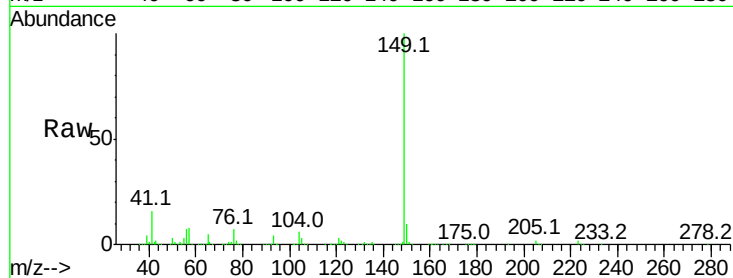
ClientSampleId :

PB90456BS

Manual Integrations
APPROVED

sohil
5/11/2016 8:17:27 PM

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	6.3	3.8	5.6



#74

Fluoranthene

Concen: 40.63 ng

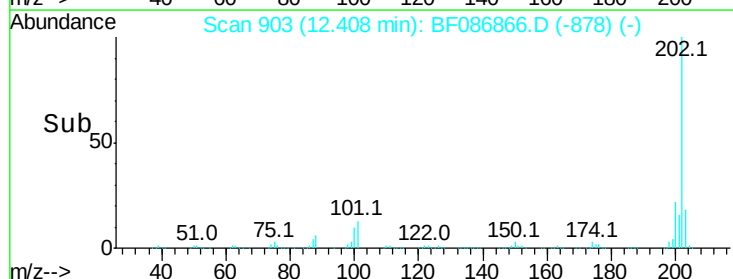
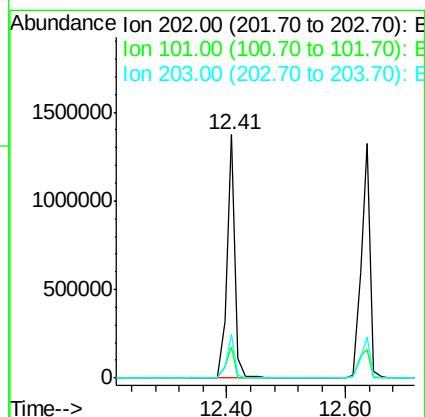
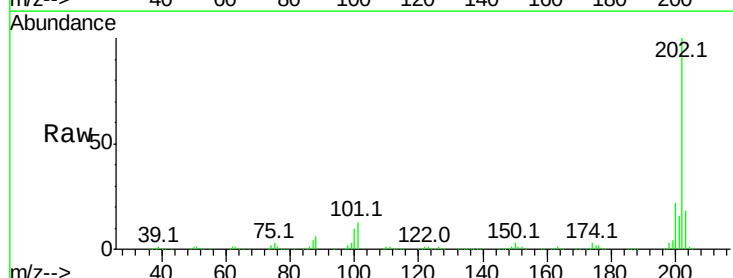
RT: 12.41 min Scan# 903

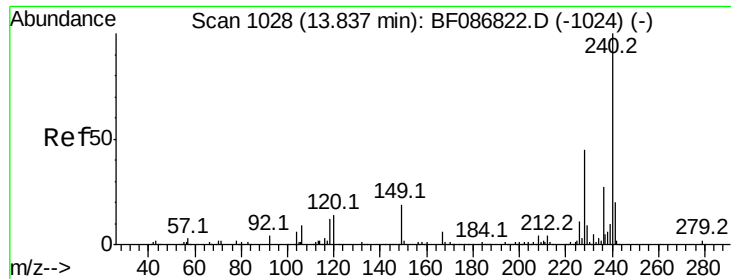
Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	35.4
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

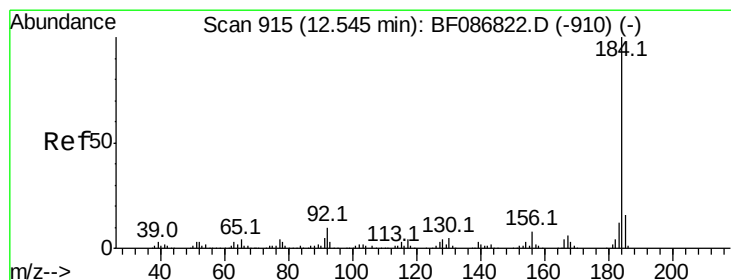
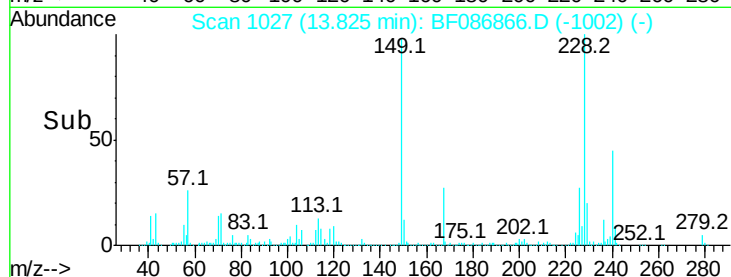
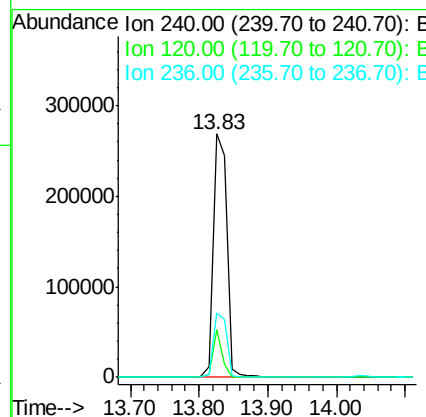
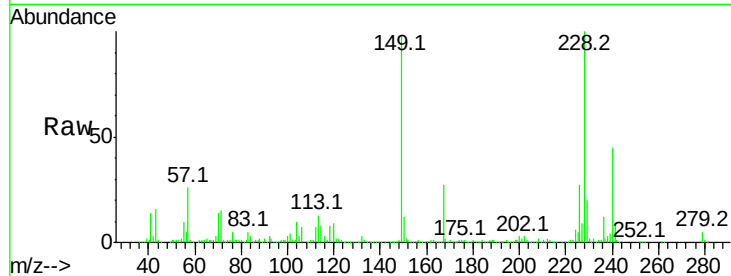
ClientSampleId :

PB90456BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	373837		
120	19.8	11.2	16.8#	
236	26.2	21.2	31.8	

Manual Integrations
APPROVED

sohil
5/11/2016 8:17:27 PM



#76

Benzidine

Concen: 40.24 ng

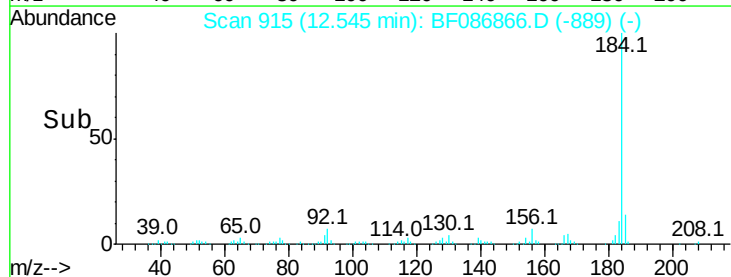
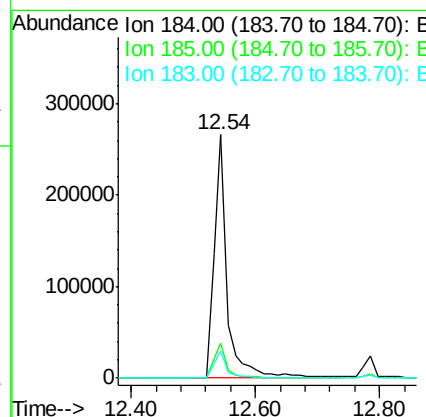
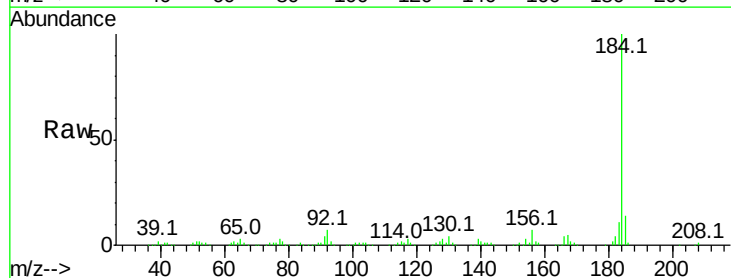
RT: 12.54 min Scan# 915

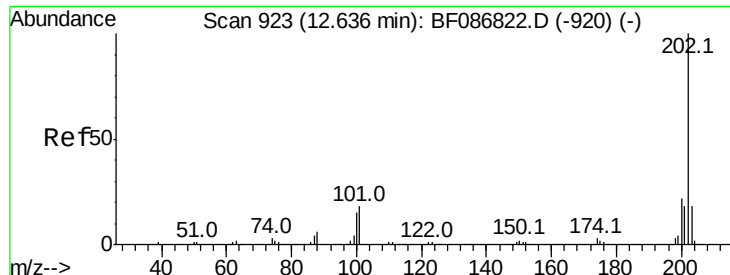
Delta R.T. -0.00 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	383521		
185	14.4	13.6	20.4	
183	11.5	9.8	14.6	





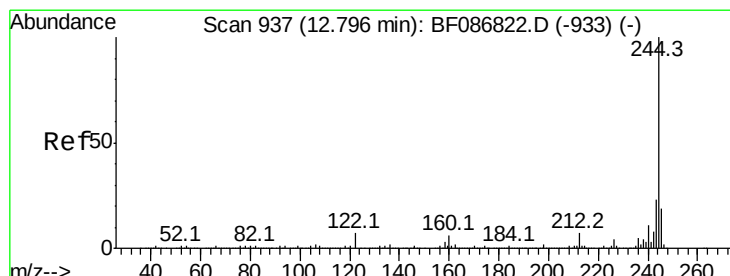
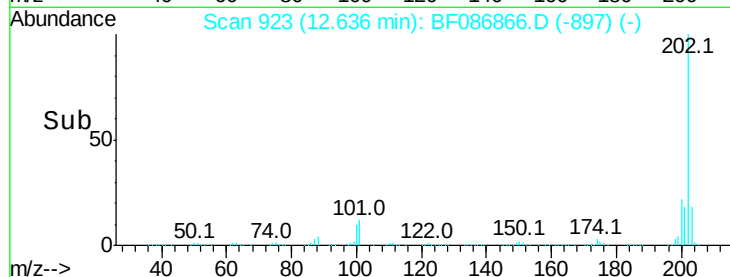
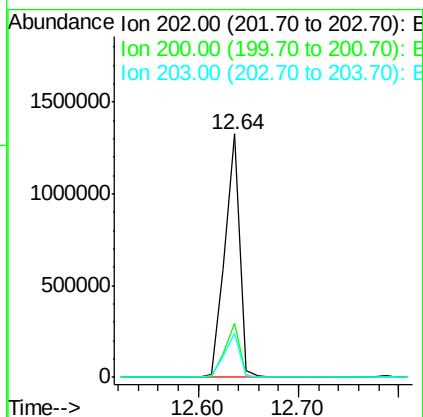
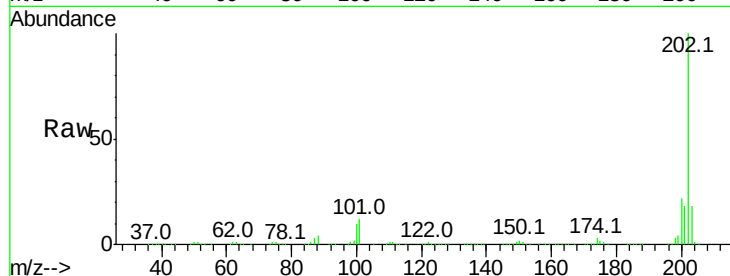
#77
Pvrene
Concen: 47.57 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90456BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	17.9	14.2	21.4

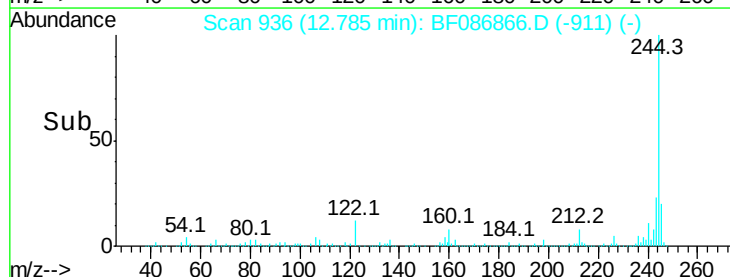
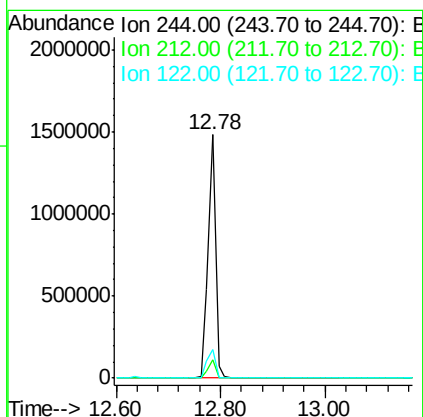
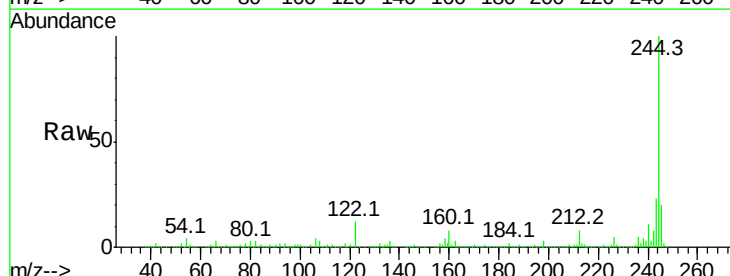
Manual Integrations
APPROVED

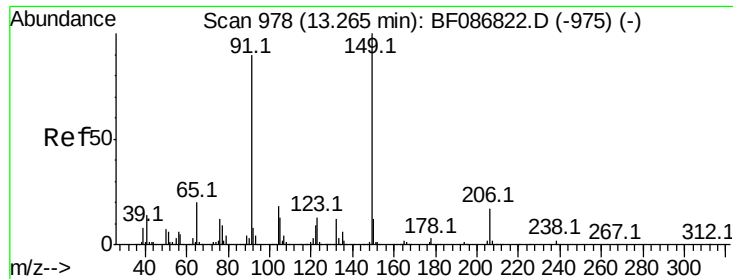
sohil
5/11/2016 8:17:27 PM



#78
Terphenyl-d14
Concen: 83.68 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	11.8	12.0	18.0#





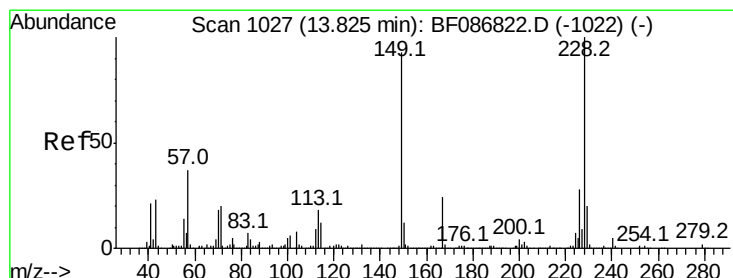
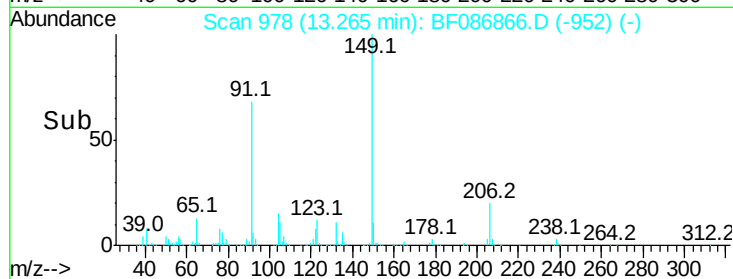
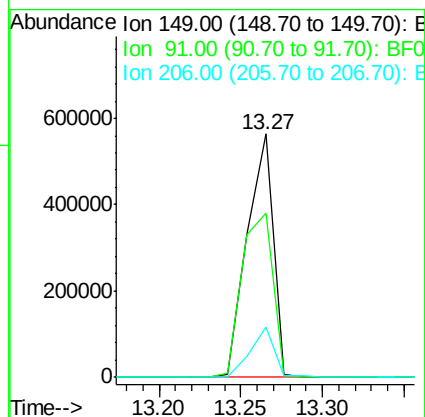
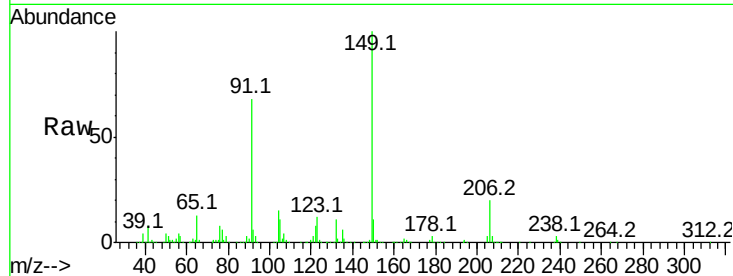
#79
Butylbenzylphthalate
Concen: 51.59 ng
RT: 13.27 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90456BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	624574		
91	67.7	48.0	72.0	
206	20.5	15.8	23.6	

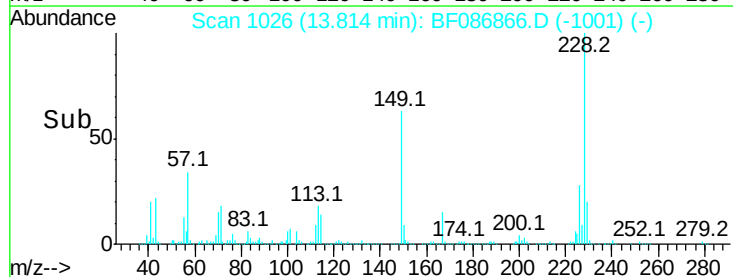
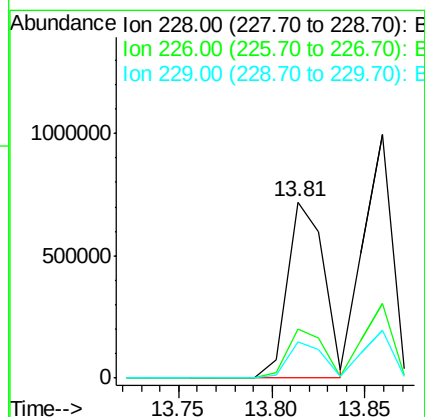
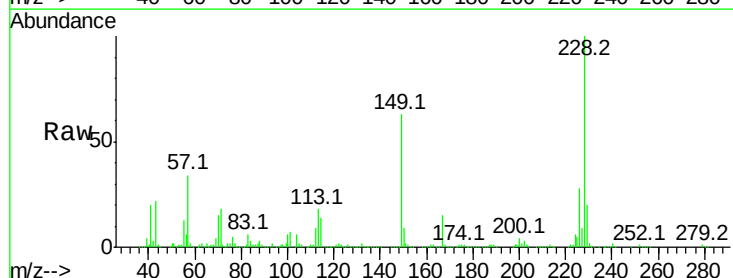
Manual Integrations
APPROVED

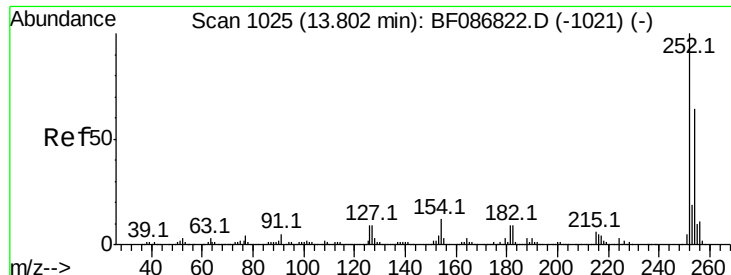
sohil
5/11/2016 8:17:27 PM



#80
Benzo(a)anthracene
Concen: 46.60 ng
RT: 13.81 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	977934		
226	27.7	22.5	33.7	
229	20.3	16.6	25.0	





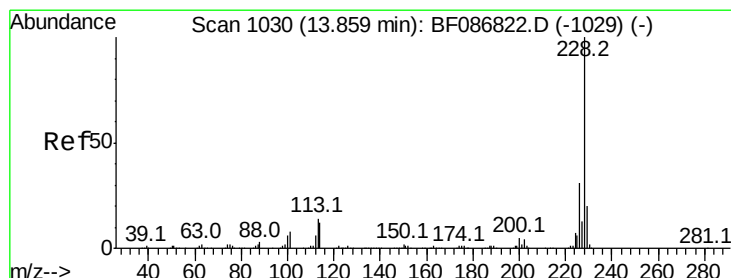
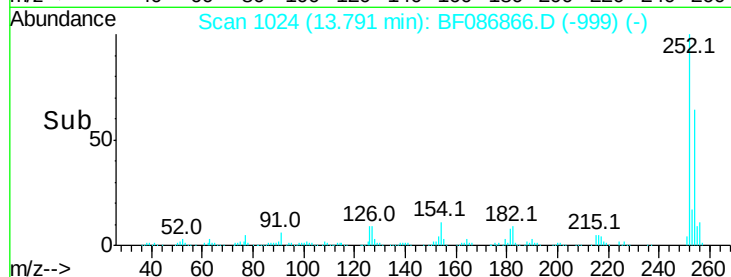
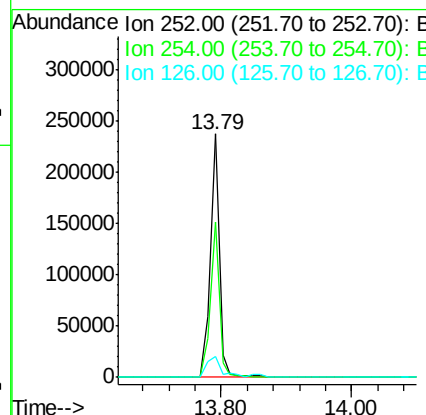
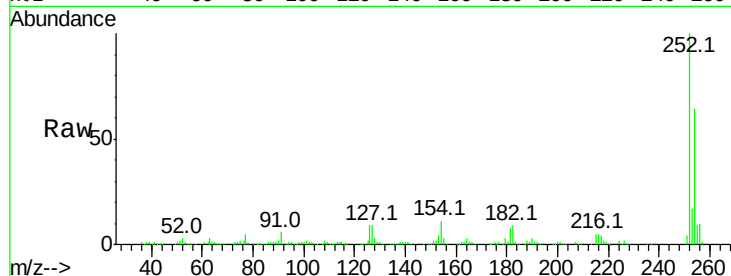
#81
 3,3'-Dichlorobenzidine
 Concen: 17.21 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	229429		
254	63.6		50.7	76.1
126	8.7		12.7	19.1

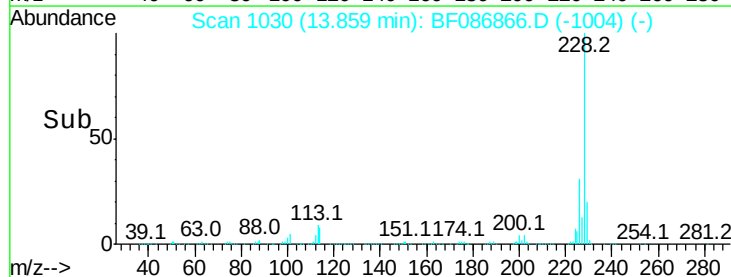
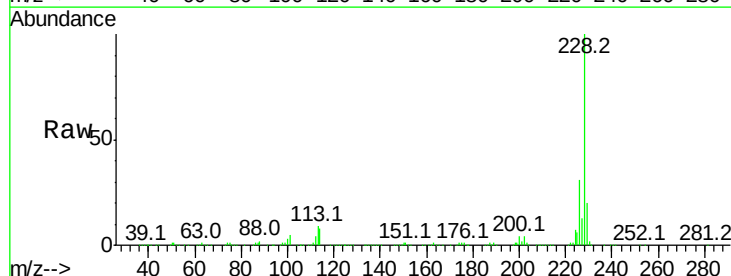
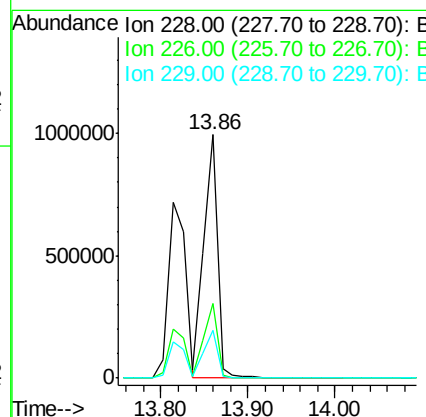
Manual Integrations
 APPROVED

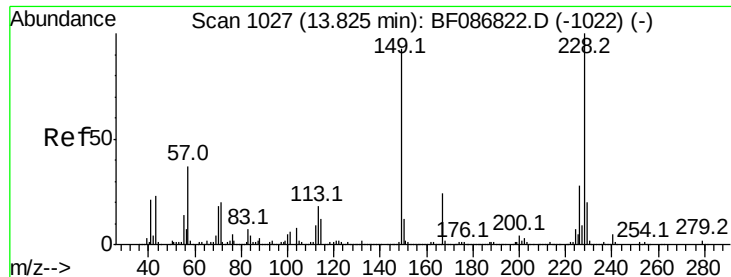
sohil
 5/11/2016 8:17:27 PM



#82
 Chrysene
 Concen: 50.57 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1079623		
226	30.9		24.4	36.6
229	19.7		15.8	23.8





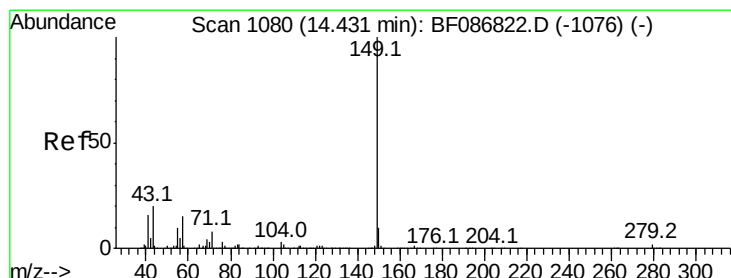
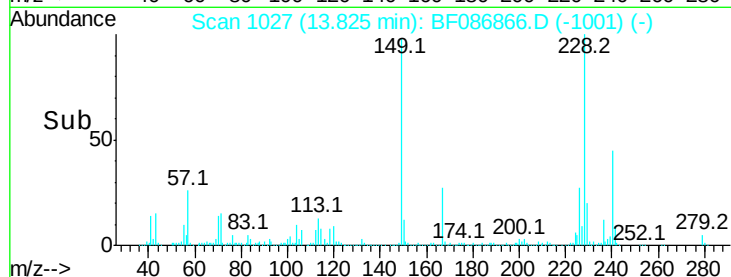
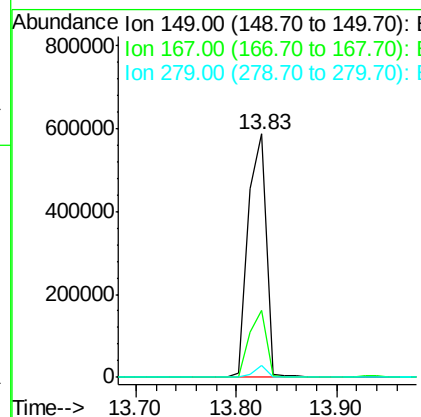
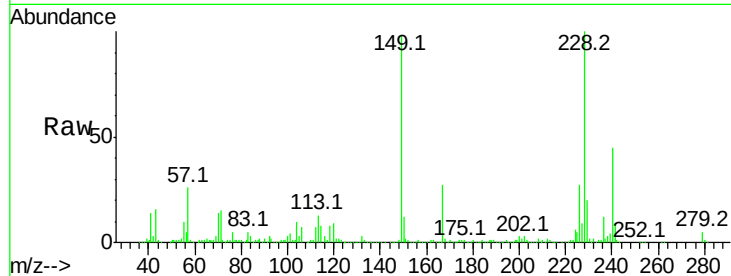
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.41 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	27.6	21.8	32.6
279	4.7	2.6	4.0#

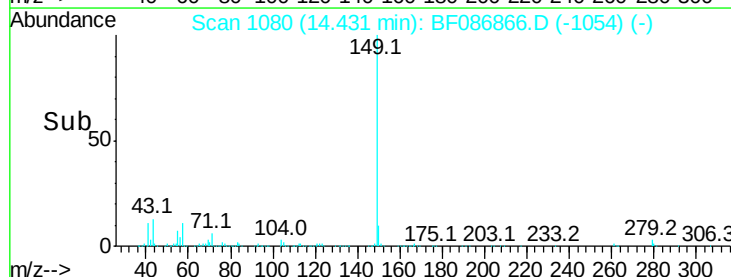
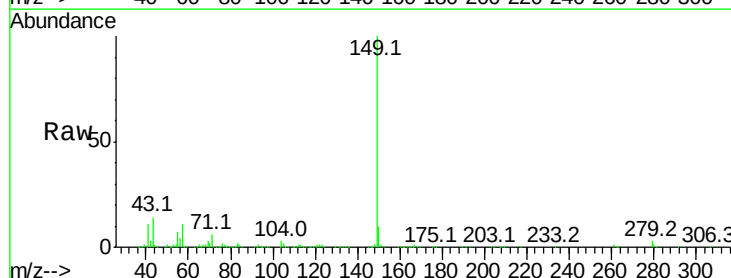
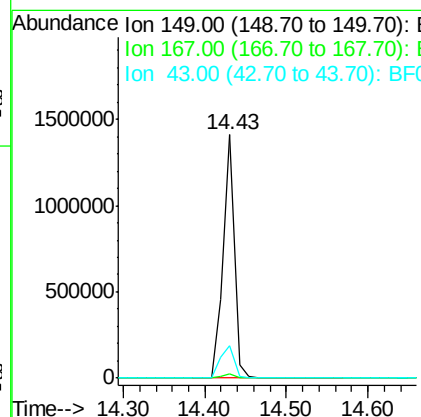
Manual Integrations
 APPROVED

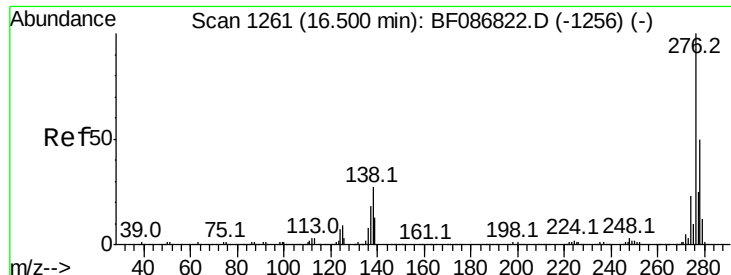
sohil
 5/11/2016 8:17:27 PM



#84
 Di-n-octyl phthalate
 Concen: 55.93 ng
 RT: 14.43 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	16.5	8.2	12.4#





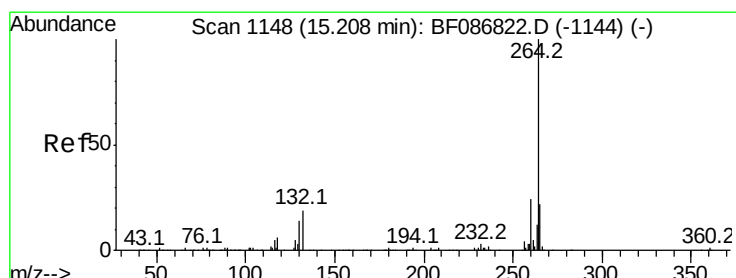
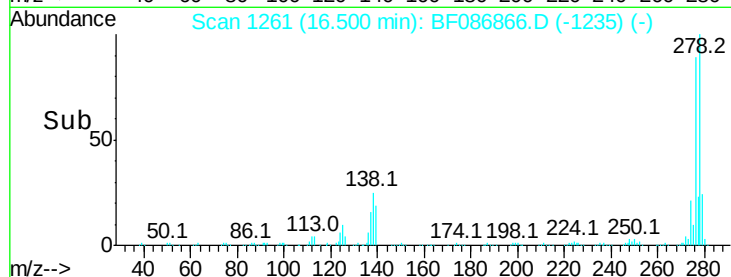
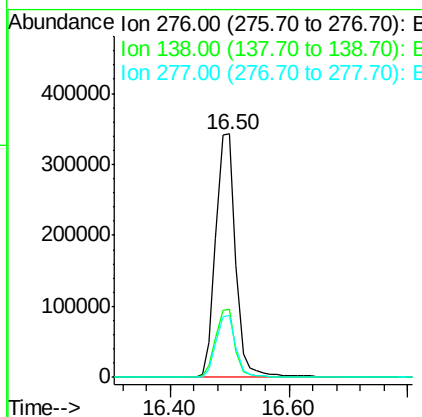
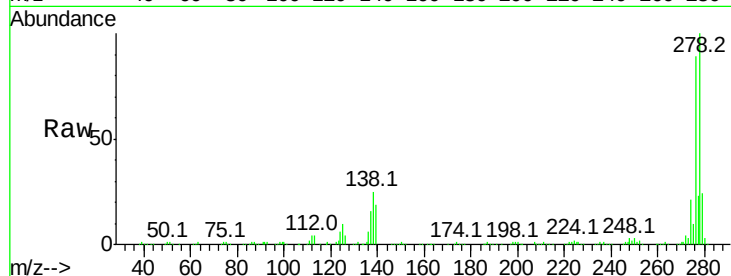
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.48 ng
 RT: 16.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	807822		
138	27.5		25.6	38.4
277	25.3		20.5	30.7

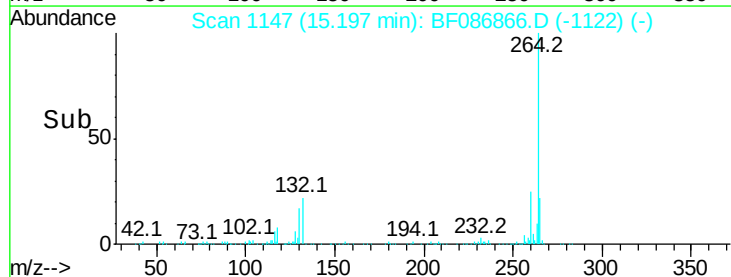
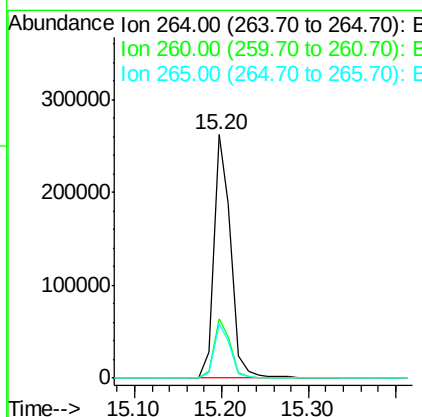
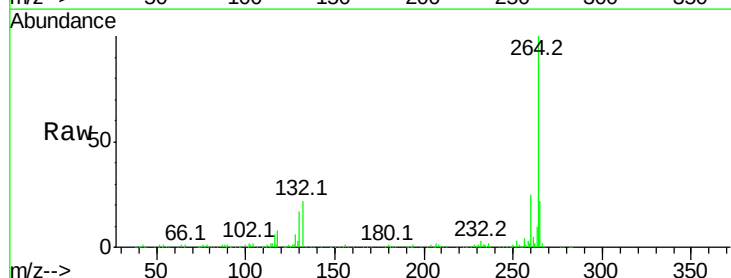
Manual Integrations
 APPROVED

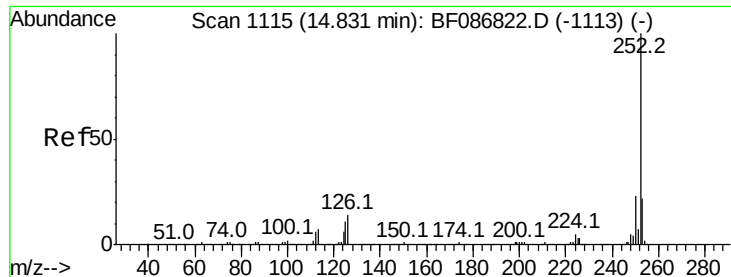
sohil
 5/11/2016 8:17:27 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	356943		
260	24.6		19.5	29.3
265	22.3		17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 51.81 ng m

RT: 14.82 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Instrument :

BNA_F

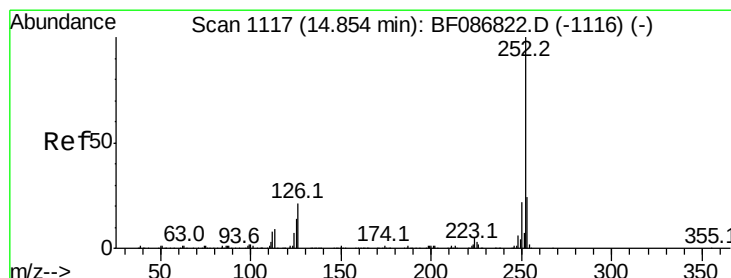
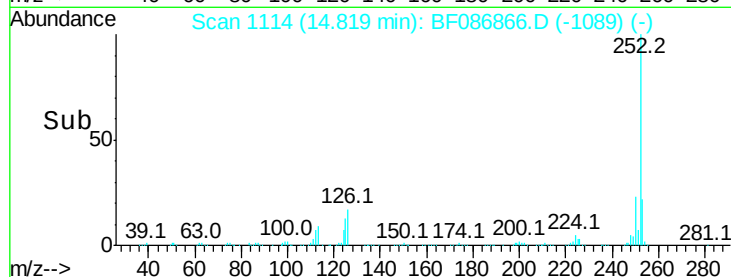
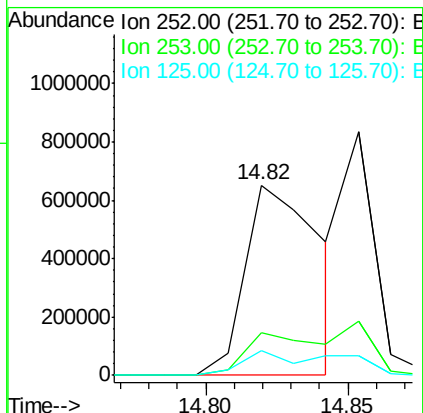
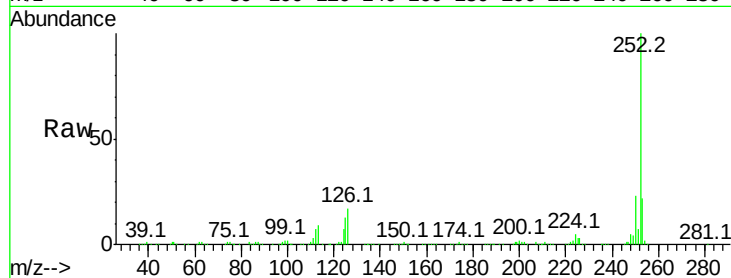
ClientSampleId :

PB90456BS

Tot Ion:	252	Resp:	1201840
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	13.1	11.4	17.0

Manual Integrations
APPROVED

sohil
5/11/2016 8:17:27 PM



#88

Benzo(k)fluoranthene

Concen: 34.66 ng m

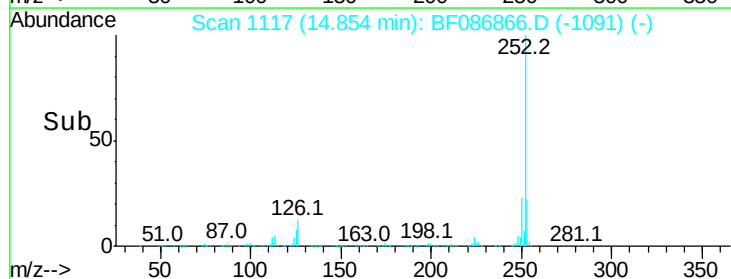
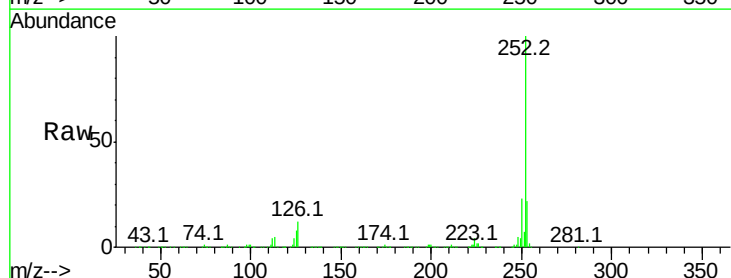
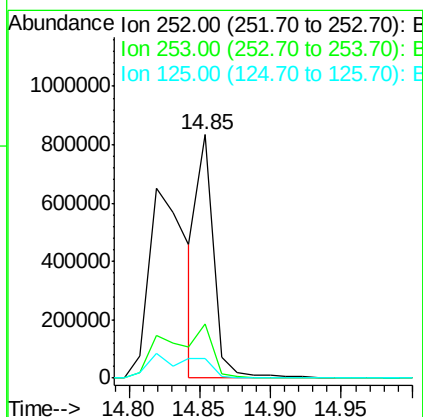
RT: 14.85 min Scan# 1117

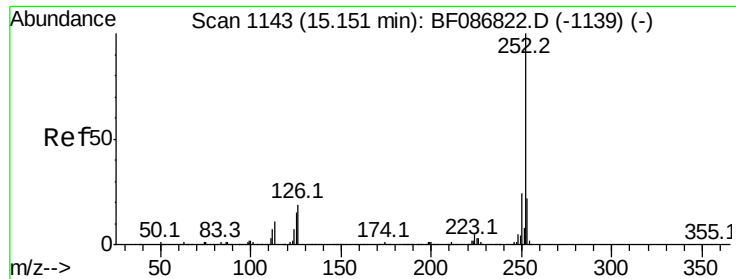
Delta R.T. -0.00 min

Lab File: BF086866.D

Acq: 10 May 2016 18:16

Tgt Ion:	252	Resp:	658353
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	8.2	9.1	13.7#





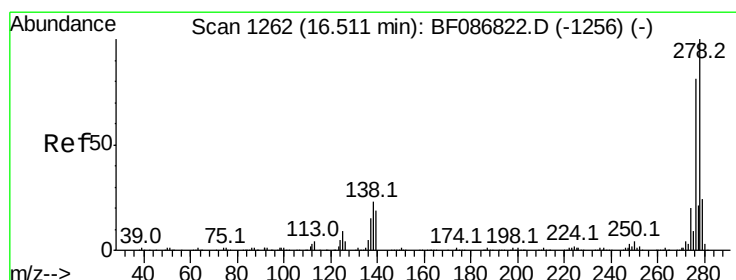
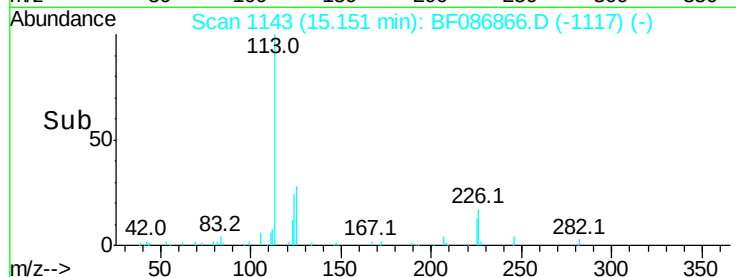
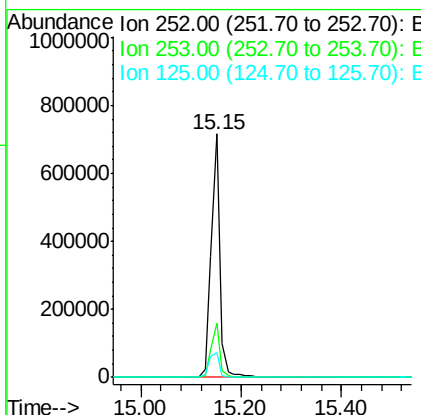
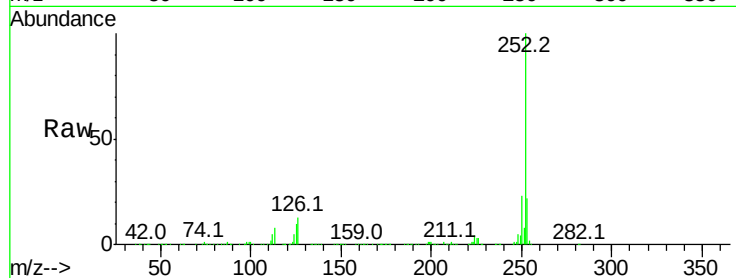
#89
Benzo(a)pyrene
Concen: 42.66 ng
RT: 15.15 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90456BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	853660		
253	22.1		17.2	25.8
125	10.2		9.0	13.6

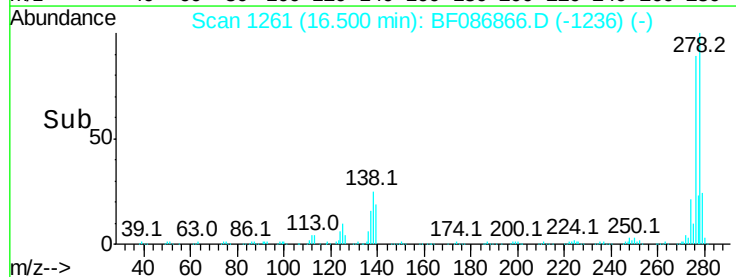
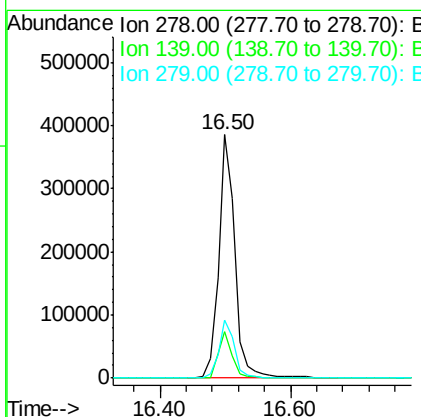
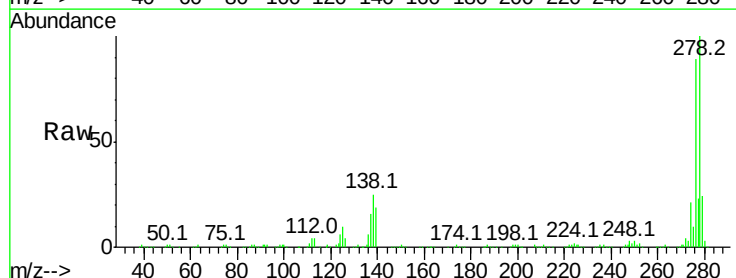
Manual Integrations
APPROVED

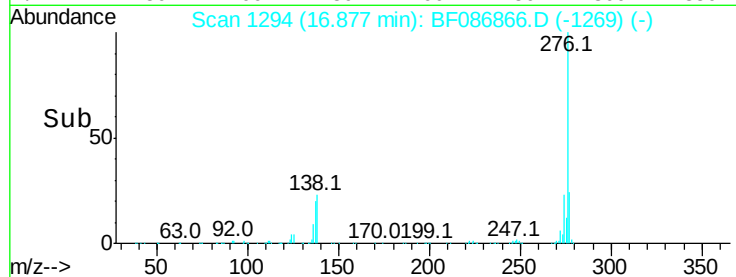
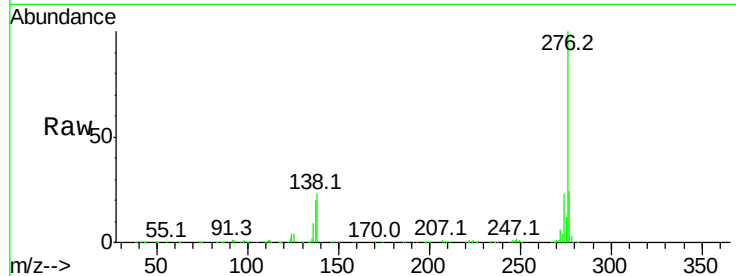
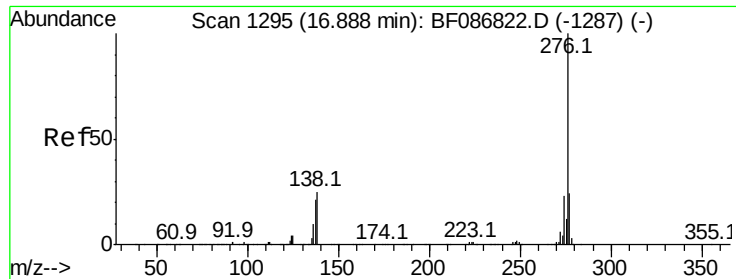
sohil
5/11/2016 8:17:27 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.80 ng
RT: 16.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF086866.D
Acq: 10 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	671092		
139	19.3		16.6	24.8
279	24.1		19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 39.20 ng
 RT: 16.88 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF086866.D
 Acq: 10 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.6	19.6	29.4
138	23.3	23.6	35.4

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:17:27 PM

